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ABSTRACT

This reference to colleges in Ontario has been revised as of June 30, 1975. It includes information on: (1) financial assistance to students; (2) students' costs; (3) general information on colleges of applied arts and technology including enrollment, general admission requirements, programs offered, manpower retraining, continuing education (extension) divisions, transfer possibilities, fees, residence accommodation, and skilled trades; (4) a chart of programs available at colleges of applied arts and technology; (5) a list of colleges of applied arts and technology; (6) general admission requirements of Ontario universities; (7) a chart of undergraduate degree and diploma programs at Ontario universities; and (8) a list of Ontario universities; (9) a list of other postsecondary education institutions; (10) information on health sciences and social sciences educational opportunities; and (11) selected list of other reference publications on postsecondary education. (Author/KE)

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H O R I Z O N S

A guide to educational opportunities in Ontario beyond the secondary school level

Published by the Ontario Ministry of Colleges and Universities

ED115148

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LE 036 918

Ontario

Ministry of Colleges and Universities

James A. C. Auld, Minister
J. Gordon Parr, Deputy Minister

The information in this edition has been revised as of June 30, 1975. As some changes in courses and admission requirements may be made during 1976, students planning to attend college or university in 1976-77 are advised to consult their guidance counsellors and check the calendars of post-secondary institutions in which they are interested.

Information on post-secondary courses offered in French is summarized in a new publication *Tour d'horizon* which will be distributed to all francophone and bilingual secondary schools.

Copies of *Horizons* and of *Tour d'horizon* can be obtained free of charge by writing to or telephoning
Information Branch
Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 1B9
Telephone (416) 965-6134

Note:
With reference to admission requirements for post-secondary programs,

Year 5 refers to Ontario grade 13;
Year 4 refers to Ontario grade 12;
Year 3 refers to Ontario grade 11;
Year 2 refers to Ontario grade 10;

OSSGD = Ontario Secondary School Graduation Diploma (completion of 27 credits meeting Ministry of Education requirements);

OSSHGD = Ontario Secondary School Honour Graduation Diploma (completion of six credits at the year 5 level).

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Financial Assistance to Students

Students who need financial assistance to attend a university, community college, or other post-secondary institution may be able to obtain it from government or private sources.

A number of corporations, veterans' organizations and service clubs offer scholarships for academic excellence in particular subjects, and most universities have entrance scholarships for outstanding scholars. Information on these bursaries and scholarships should be available from your guidance office or from university calendars and student aid offices.

About two out of every five full-time students at Ontario's colleges and universities receive financial aid from the Ontario Government which administers the student assistance programs outlined below.

Ontario Student Assistance Program (OSAP)

OSAP is intended to help students who need money for further education. Academic excellence is not a qualification. OSAP provides funds to supplement a student's own financial resources and those of his or her immediate family.

The main features of the program are summarized below. Full information is contained in the brochure entitled *Ontario Student Assistance Program, 1975-76*, which you may obtain from your guidance counsellor, from the Student Awards Officer at the institution you hope to attend, or from the Ministry of Colleges and Universities (address at the end of this section). An updated brochure describing OSAP for the 1976-77 academic year will be distributed to all Ontario secondary schools in the spring of 1976.

Who is eligible?

You may qualify for loan and grant assistance from OSAP if you plan to attend one of the following institutions in Ontario:

A university

- A college of applied arts and technology
- A teacher education college
- A college of agricultural technology
- Ryerson Polytechnical Institute
- The Royal Military College of Canada
- The Royal Conservatory of Music
- The Ontario College of Art
- The Ontario Bar Admission Course
- The Canadian Memorial Chiropractic College.

Outside Ontario, you may qualify for loan and grant assistance if you plan to attend any university or certain community colleges in Canada or a Canadian military college.

To qualify, you should be taking at least 60% of a full course load in a program of 26 weeks or more which has been approved by the Ontario Government and which leads to a degree, diploma or certificate. You should also be a Canadian citizen or landed immigrant and meet Ontario's residency requirements.

Ontario residents who wish to attend private institutions in Canada or recognized post-secondary institutions outside Canada may be eligible to receive a loan through the Canada Student Loans Plan (CSL) but will not be eligible for a grant. Under the Canada Student Loans Plan, applicants may obtain loan assistance only, up to $1,800 per academic year, based on assessed need.

Applicants eligible for OSAP may receive loan or loan-grant assistance up to the amount of their financial need. Financial need is calculated by subtracting financial resources from educational costs. If you and your family have no financial resources, your assistance could be the full cost of your education and related expenses. If your financial resources equal or exceed your educational costs, you will not qualify for assistance. Most applicants receive an award covering an assessed proportion of their educational costs.

Educational Costs
Educational costs include the actual or estimated costs of the following items, as determined by the institution and approved by the Ministry:

- Tuition and compulsory fees
- Books and equipment
- Board and lodging
- Miscellaneous expenses
- Return trip home each year
- Local transportation.

Financial Resources
Depending upon your circumstances, your financial resources may include amounts you are expected to have saved from summer or work-term earnings, or from time in the work force prior to enrolment, or a portion of earnings over $600 from part-time work after enrolment. Academic awards in excess of $300 may also be considered as a financial resource. In addition, in the case of most students leaving secondary school and applying for assistance to attend a post-secondary institution, your parents are expected to contribute to your basic educational costs, according to their resources. To determine their contribution, an objective assessment is made of parents' income, and allowances are made for their basic expenses and the number of their dependents. Parental contribution tables are available for reference at guidance offices and student aid offices.

Loan and Grant Assistance
If you qualify to receive assistance through OSAP, it will be in the form of a loan or a combination of loan and grant. Loans are interest free until the repayment period begins, usually six months after you cease to be a full-time student. Provincial grants do not normally have to be repaid.

Usually, for a program of up to 32 weeks, the first $800 of OSAP assistance is a loan and any additional assistance is grant. For example, if your assessed financial need is $600, you will receive a loan of that amount. If your financial need is $1,200 you will get a loan of $800 and a grant of $400. If your financial need is $2,500 you will get a loan of $800 and a grant of $1,700.

Where, When and How to Apply
If you are planning to attend an Ontario college or university or one of the other Ontario institutions listed above, you can get your application forms directly from the institution's Student Awards Office. To apply for assistance for attending any other post-secondary institution, you can obtain the necessary forms from the Student Awards Officer of the Ministry of Colleges and Universities (address at the end of this section).

Mail your application to the Student Awards Office at the institution you hope to attend or take it to the Awards Office personally to be checked for completeness and accuracy. You can submit your application as soon as the forms are available, usually in April.

Your application has to be submitted no later than July 1, in order to be processed for fall registration. September 30 is the final deadline if you want to receive assistance for a full academic year.

If you hope to enter a trimester or co-operative program you should submit your application before the end of the first month of the semester to which the application refers.

To obtain further information about the Ontario Student Assistance Program, contact the Student Awards Office of the institution you hope to attend or the Student Awards Branch of the Ministry of Colleges and Universities.

Ontario Scholarships
Awards in the amount of $100 are made automatically to year 5 (grade 13) students who have an average of 80% or better in six year 5 credits. Additional information may be obtained from your guidance office.

Secondary School Bursaries
In the final year of their secondary school program, needy students may qualify to receive bursaries of $150 through the Ministry of Education. The bursaries for students with financial need are based on the recommendation of the principal or guidance head. Application forms should be available through secondary school guidance offices.

Ontario Student Loans Plan
The Ontario Student Loans Plan is a new program which makes loans to eligible students who do not qualify for assistance from OSAP or the Canada Student Loans Plan. The program is designed to help people such as part-time students taking less than 60% of a normal full course load and students enrolled at public post-secondary institutions in programs which are less than 26 weeks in length or which do not require year 4 (grade 12) entry. Eligible students can receive up to $700 per semester. The interest rates and terms of repayment are similar to those for the loan portion of OSAP.

Ontario Special Bursary Program
The aim of the Ontario Special Bursary Program is to encourage post-secondary studies by people in serious financial need, if their studies might enable them to improve their financial situation.

You may be eligible for a bursary if you are:
- taking less than 60% of a normal full course load
- receiving social assistance, are unemployed, or have a low family income
- at least 18 years old and a Canadian citizen or a landed immigrant
- resident in Ontario for 12 consecutive months, not counting time spent as a full-time student
- registered or accepted for registration at an Ontario university or college of applied arts and technology, Ryerson Polytechnical Institute, or the Ontario College of Art
- taking or intending to take one or more credit courses leading to a degree, diploma or certificate. Upgrading courses are not eligible.

If you are eligible, you may receive a bursary to cover the costs of your tuition and other compulsory fees and the books, equipment and related items you will need. You may also receive a supplementary grant of up to $125 per term to help cover exceptional costs such as baby-sitting, day care costs or unusually high transportation expenses.

Fellowships and Bursaries for Second Language Study
There are a number of federal-provincial programs related to Canada's two official languages. These include:
- A program providing fellowships for the first year of study in any discipline taken in the French language at the graduate or undergraduate level in a Canadian university or at a college of applied arts and technology in Ontario. Eligible students may receive up to $2,000 for one academic year only.
- A program providing travel bursaries to cover the travelling costs of French-speaking students from Ontario who wish to register as full-time students for post-secondary programs not offered in French in their own communities.
- Programs for French-language teachers and teachers of French as a second language taking certain short-term full-time summer courses to improve the quality of their teaching. The programs provide bursaries up to $300, plus travelling expenses up to $300.
- A Summer Language Bursary Program which gives institutions bursaries up to $650 on behalf of students taking immersion courses in their second language, either English or French.

Further Information
For further information on any of these financial assistance programs, contact your guidance counsellor or Student Awards Officer, or write or telephone
Inquiry Section
Student Awards Branch
Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 2B4
Telephone (416) 965-5241

Students' Costs

Total Costs

Total costs for an eight-month academic year at a post-secondary institution may vary from a few hundred dollars for a student living at home and attending a community college to about $2,500 or more for a university student living on campus or boarding away from home. Other variations in fees and living costs are summarized in this section.

Annual Tuition Fees

Tuition or academic fees, which are required at the time of registration for each semester, may usually be paid in two instalments in September and January. All colleges of applied arts and technology require applicants to send a non-refundable deposit on their tuition fees along with their acceptance of a place after they have received the institution's offer of admission. Some universities also require a deposit on their tuition fees for limited enrolment programs.

The figures below show the range of annual fees for different subject areas and include student activity fees in most instances. Specific fees are listed under individual universities and colleges.

University Degree Programs—Annual Fees

arts	$610—$ 700
science	$610—$ 722
commerce	$610—$ 683
dentistry	$837—$ 850
education	$660—$ 683
engineering	$663—$ 808
law	$647—$ 692
medicine	$806—$1,170
nursing	$619—$ 693
physical education	$647—$ 703

Other Institutions—Annual Fees

Ontario College of Art	$ 475
Community colleges	$250—$ 450
Ryerson Polytechnical Institute	$ 424
Nursing assistant centres	$ 150

Transporation
An additional $12 a month or more should be added to the living expenses of the student who cannot walk to classes. This figure will vary according to the public transportation rates, car pool arrangements and parking fees.

Books and Students' Supplies
College and university students need on the average between $125 and $175 per year for books and supplies. Students in specialized or professional university courses such as architecture, dentistry and medicine, or in photography, cinematography, advertising and graphic arts at a community college, may require additional funds for the purchase of books and instruments. These figures vary as follows:

architecture	$125—$450
business and commerce	$125—$380
dentistry	$145—$300
doctor of veterinary medicine	$280—$375
engineering	$300—$365
law	$200—$225
medicine	$150—$700
physical education	$150—$410

Nursing costs at the universities range from $25 to $150 for supplies and $50 to $200 for books. Nursing costs at the colleges range from $125 to $300 for supplies and books.

Student Activity Fees
The tuition or academic fees at most universities include a student activity fee to cover such costs as the use of sports facilities, student council fee, health service contribution, registration fee, etc. At other post-secondary institutions the student activity fee is levied separately, or there may be a nominal student fee. Specific information may be obtained from the calendars of the universities and colleges.

Application and Examination Fees
A $7 fee is to accompany the common application form submitted in the fall to the Ontario Universities' Application Centre. Some universities require a fee from students writing special examinations.

Health Insurance
If your parents have Ontario health insurance, you are covered as their dependent only until you become 21, marry or take regular employment. The monthly premium for a single person is $11, and for a family, $22. However, premium assistance is available to single persons with an estimated taxable income of $1,000 or less in the current year, and to families with an estimated taxable income of $2,000 or less. If you change from dependent status, or require health insurance information, contact the
Ontario Health Insurance Plan
2195 Yonge Street
Toronto, Ontario M4F 2B2

Board and Lodging
Every Ontario university and a few colleges of applied arts and technology have residence facilities. Depending on meal plans and occupancy, residence costs range from about $1,200 to $1,800 for an academic year. Specific costs are listed under the individual universities in *Horizons* and in university calendars. Students who choose board and lodging should allow at least $40 a week to cover these costs. All institutions maintain a housing registry listing available accommodation in the area.

Miscellaneous
Beside the basic student costs of board and lodging and tuition fees, there are incidental expenses which must be counted for a realistic estimation of the annual cost of a year at a university or college. A weekly average of about $12 should be allowed for miscellaneous items such as laundry, personal needs and entertainment.

General Information on Colleges of Applied Arts and Technology

The community colleges provide job-oriented programs beyond the secondary level for high school graduates who require post-secondary training or education other than university. They also offer programs designed to meet the educational needs of adults and out-of-school youth, whether or not they are secondary school graduates.

The community college is a composite, comprehensive institution providing a wide variety of day and evening courses on a full and part-time basis. The colleges offer their students both a chance to develop skills needed by business and industry and an opportunity to broaden their educational background. They were meant to be commuter colleges, designed to meet the needs of the local community.

Enrolment

At present there are 22 community colleges with a total of more than 90 campuses serving all the major economic regions of Ontario.

In 1974-75, post-secondary enrolment was about 55,000 full-time students, with 58,000 predicted for 1975-76, 60,000 for 1976-77, and 62,000 by 1977-78. The number of part-time credit students is expected to exceed the full-time enrolment. Impressive numbers of adults across the province have discovered the colleges and are taking advantage of regular and extension programs.

General Admission Requirements

The colleges provide the people of Ontario with an essentially "open door" type of admission policy.

The following information will give students a general idea of the admission requirements at the colleges of applied arts and technology, but since there are variations from college to college in some courses, students are strongly advised to consult the calendar of the college they are interested in attending. Calendars may be obtained from secondary school guidance departments or directly from the college registrar.

The following persons are eligible for admission:

(a) holders of an Ontario Secondary School Graduation Diploma obtained at the end of year 4 from any branch or program, or
(b) holders of an Ontario Secondary School Honour Graduation Diploma obtained upon completion of year 5, or
(c) those who have attained the age of 19 years on or before the date of commencement of the program of instruction in which they plan to enrol.

Programs Offered

At most colleges, programs are divided into major divisions, such as applied arts, business, health sciences, technology, extension or retraining. However, at some colleges, these major divisions have been sub-divided or reorganized to reflect a particular emphasis in the internal organization of the college. Northern College, for example, has the Haileybury School of Mines.

In September 1973, the responsibility for the education of diploma nurses was transferred from hospital and regional schools of nursing to the colleges of applied arts and technology. At the conclusion of the program, students write the standard nursing examinations in order to qualify for provincial registration. Since September 1974, admission to a diploma nursing program in a college of applied arts and technology has been based on a year 4 graduation diploma with two science options, and a personal interview by the director of the nursing program, or designate, subject to approval by the president. (See the section on health sciences for further information.)

Together, the community colleges offer nearly 2,000 programs. Three-year diploma, two-year diploma, one-year certificate, apprenticeship, and part-time or extension courses are available. For a listing of programs offered by individual colleges, students can consult the CAAT program charts on the following pages and the specific college sections in *Horizons*. For specific information on any program or course, students should check the individual college calendars or visit their nearest community college.

Manpower Retraining

Several adult training and retraining programs are offered through the colleges. Under the Training in Business and Industry plan, staff training programs are provided to upgrade the academic and vocational skills of employed individuals. Costs are shared by the employer, the employee and the Ontario Government.

The Canada Manpower Training Program is a co-operative venture of the federal and provincial governments, planned in consultation with community business and industry, to qualify adults for re-employment through basic academic upgrading or through technical and commercial courses. Individuals may participate in this program as fee-paying students, or by registering at their local Canada Manpower Centre for sponsored training in courses which the Department of Manpower and Immigration has purchased in the colleges. For information about programs offered, contact the college or local Manpower Centre.

Continuing Education (Extension) Divisions

The purpose of the Continuing Education or Extension Divisions is to provide the opportunity for all members of the community to participate in learning experiences of their choice at a time and place that is convenient, on either a full or part-time basis. Whenever possible, in addition to non-credit courses of current interest, the programs offered parallel the day programs at the colleges so that interested students may work toward a college diploma.

Transfer Possibilities for CAAT Graduates

While it is not intended that the colleges should act as feeder institutions to the universities, honour graduates of the two-year programs may be accepted on an individual basis for admission to the first year of certain university programs.

Qualified graduates of the three-year programs with honours standing in the final year may, in some instances, be admitted to the second year of a related university program. For example, a graduate from an engineering technology program may qualify for admission to a degree program in engineering, if places are available. Decisions about admissibility of individual CAAT graduates to degree programs are made by the admissions officers of the universities concerned.

Fees

Tuition fees for a full program are approximately $125 per semester or $250 per academic year for most programs. Students are also, in most cases, required to pay activity fees, laboratory fees or special fees as established by the individual college. (See the introductory section on students' costs.)

Residence Accommodation

The colleges of applied arts and technology were originally conceived as being within commuting distance of the main population centres. Little provision therefore has been made for residence accommodation, although in some areas, residence facilities are provided. Students can check with the Housing Bureau or Student Services Office of the college they plan to attend regarding available residence facilities or lists of off-campus housing in the community.

Further Inquiries

For more detailed information on the colleges of applied arts and technology, check the individual college sections in *Horizons*, consult the college calendars which are available in secondary school guidance departments, or get in touch with the registrar's office of the college. Additional general information may be obtained from

College Affairs Branch
Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 1C1
Telephone (416) 965-2720

Skilled Trades

The Manpower Training Branch of the Ministry of Colleges and Universities offers apprenticeship training for persons who seek to become electricians, hairdressers, motor vehicle mechanics, or qualified tradespeople in many other skilled occupations.

In apprenticeship, the trainee learns by doing—by working on the job with competent tradespeople to learn skills firsthand. And while learning a trade, the apprentices earn at a rate of pay that increases as they become more experienced and capable.

Besides learning how to perform certain skills, apprentices also learn why certain procedures are used. Two or three short training sessions in a community college are provided to enable apprentices to understand the principles that apply in their trade. The federal Department of Manpower and Immigration and the Ontario Ministry of Colleges and Universities pay tuition fees and a living allowance to eligible apprentices during these in-school periods.

There are over 23,000 persons now registered as apprentices in Ontario. After completing programs that may extend over three to five years, and passing qualification examinations, the apprentices become qualified tradespeople in the building, service, motive power or industrial trades. Many eventually set up their own businesses, and become their own boss. If you are interested in apprenticeship and want more information, contact

Manpower Training Branch
Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 2B5
Telephone (416) 965-4211

Programs available at Colleges of Applied Arts and Technology

CCDO No.	Program	Algonquin (Ottawa)	Algonquin (Pembroke)	Cambrian (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Etobicoke)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland/St. Catharines)	Northern (S. Porcupine)	Northern (Kirkland Lake)	Northern (Haileybury School of Mines)	St. Clair (Windsor/Chatham)	St. Lawrence (Kingston)	St. Lawrence (Brockville)	St. Lawrence (Cornwall)	Sault (Sault Ste. Marie)	Seneca (York/North York)	Sheridan (Oakville/Brampton)	Sir S. Fleming (Peterboro/Cobourg)	Sir S. Fleming (Lindsay)
	Apprenticeship and Pre-Employment																												
8533118	Air Conditioning and Refrigeration	S									3					3													
8581154	Alignment and Brake Mechanic					2																							
8581142	Auto Body Repairman	2				2				2																			
8313150	Automotive Machinist					3																							
8595114	Automotive Painter					1																							
8213114	Baker										4																		
6143114	Barber	3									3																		
8782110	Brick and Stone Mason										3																	S	
8215110	Butcher/Abattoir Management									(4)																			
8781110	Carpenter	3	S				S	(2)			3					3					3							2	
8799154	Carpet and Tile Installer												2																
8782118	Cement Mason										2																		
6121114	Chef	2									4														2				
	College/Vocational Program																									6			
6121130	Cook	2															2								2				
8733122	Electrician (Construction)	3					3	(2)		3	3		3		3	3					3	3			3		3		
	Foremanship									4																			
8581150	Fuel and Electrical System Mechanic					2																							
8795118	Glazier and Metal Mechanic										3																		
6143118	Hairdresser	2								2	2		2								2	2			2		2		
8584378	Heavy Duty Equipment Mechanic					3		3																	3				
7195126	Horticulture												2																
8733122	Industrial Electronic Controls										1																		
8793114	Ironworker										3																		
8784122	Lather										3																		
8313154	Machinist/Machine Trades	2					3		2	3	3				3												2		
8592206	Marine and Small Engine Mechanic					2		2	2																		2		
8584122	Millwright										3																2		
8581110	Motor Vehicle Mechanic	3				3	3			3					3	3					3			3	3				
8581158	Motorcycle Mechanic					2																							
8785110	Painter and Decorator										3																	S	
8784114	Plasterer										3																		
8791114	Plumber	3					3			3	3		3			3					3	3			3				
8537110	Radio and T.V. Serviceman										5																		
8215114	Retail Meat Cutter	3									2																		
5145110	Service Station Attendant					1																							
	Service Technician/Heating Equipment	2																											
8333118	Sheet Metal Worker	3					3			3	3		3			3					3								
8589194	Sprinkler and Fire Protection Installer										3																		
8791110	Steamfitter										3		3												3				
2163130	Structural Steel Drafting								2		3																		
8311130	Toolmaker						3			3	3																		
8581122	Transmission Mechanic					2																							
8581126	Truck/Coach Mechanic					3																							
8581140	Truck/Trailer Repairer					2																							
8587110	Watch Repairer										4																		

Notes:
Figures show duration of programs in semesters (normally 2 semesters per year). In apprenticeship programs figures indicate in-college sessions of 7 or 8 weeks each.

1. Circled programs are "new" or "pending approval" or "dormant."
2. Overscores indicate that shorter programs are available.
3. Underscores indicate that programs are also offered in French.

S indicates programs of less than 2 semesters.

CCDO No.	Program	Algonquin (Ottawa)	Algonquin (Pembroke)	Algonquin (Sudbury)	Canadore (North Bay)	Centennial (Scarborough)	Conestoga (Kitchener)	Confederation (Thunder Bay)	Durham (Oshawa)	Fanshawe (London)	George Brown (Toronto)	Georgian (Barrie)	Humber (Etobicoke)	Lambton (Sarnia)	Loyalist (Belleville)	Mohawk (Hamilton)	Niagara (Welland/St. Catharines)	Northern (S. Porcupine)	Northern (Kirkland Lake)	Northern (Haileybury School of Mines)	St. Clair (Windsor/Chatham)	St. Lawrence (Kingston)	St. Lawrence (Brockville)	St. Lawrence (Cornwall)	Sault (Sault Ste. Marie)	Seneca (York/North York)	Sheridan (Oakville/Brampton)	Sir S. Fleming (Peterboro/Cobourg)	Sir S. Fleming (Lindsay)
	Arts, Visual, Creative, General																												
3135110	Apparel Technology/Management										6																		
5314118	Commercial Art and Design	4																											
3313199	Crafts and Design/Material Arts			6								6									4						6		
3311110	Creative Arts/Crafts	4										6										6	6	6	6		6		
	Creative Electronics									6																			
3313150	Design Arts/Basic Design						6		6	6		6												6		6			
9599114	Environmental Art									6																			
3313162	Fashion Arts/Modeling/Design					6				6	6	4	4				6					6				6	4		
3311118	Fine Arts/Administration	4		6						6			4	(2)								6	6	6				4	
	General Arts and Science	4		4	4	6	4	4		4		6	4	4	6		4	4							4		4	4	4
3311118	Graphic Design			6			6			6	6	6	4									6		6			6		
9919199	Horsemanship/Equestrian Management	4											4																
3313138	Industrial Design								4	6		6																	
3313114	Interior Design/Decorating	6					6		4	6		6	6				4				6								
3313199	Jewellery Arts										6																		
	Landscape Design									6																			
	Music			6									6																
3319114	Signwriting (Commercial Art)/Screen Printing										2																		
3335110	Theatre Arts/Performing Arts			6	4			4									6				4	6							
	Urban Design									6																			
	Visual Arts Instructor																									(4)			
	Business: Accounting																												
4130110	Accounting	6		6	6	6	6	4	6	4	4	4	4	6	6	6	4	6	6		6	4	(4)	4	4	6	6	4	
4131114	Business Machines Bookkeeping										2																	2	
4130118	Finance	4				6										4	6					6	6	6				6	
	Public Assessment and Real Property Appraisal			4											4									4		4			
	Business: Administration and Management																												
1179299	Business Administration	6	6	6	6	6	6		6	6	5	6	6	6	6	6	6	6	6		6	6	6	6	6	6	6	6	
1179299	Business General	6		4	4	4		4	4	4	4	4	4			6	4				4	4		4		4	4	4	
5190199	Business (Marina/Recreational Vehicles)																											4	
1179186	Corporate Administration																										(6)		
4131114	Farm Business									4																			4
1179182	General Management	6				4		4											6										
1179150	Industrial Administration/Management								6	4							6						6	6					
1179150	Industrial Relations							6																					
1179182	Institutional Management																										4		
	International Business																									6			
2349114	Legal/Office Administration/Assistant	4		2		4			6	4						4	4				4	4				4			
	Materials Management						6																						
1119190	Municipal/Public Admin./Government Services								6	4							4					4				4			
1174118	Personnel Administration/Labour Relations			6		6		4	6	4							6										(6)		
9510122	Printing (Graphics) Management									6																			
2165134	Production Management					6											6												
1179198	Property Management/Real Estate/Insurance	4		6							4					(4)	(4)							6	6				
5130114	Retail Administration/Management	4				4											4							4			4		
5130122	Wholesale Administration												4																

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	Business: Data Processing																												
2183130	Computer Programmer/Operator/Techniques												3				⑥												
2183114	Computer Systems Analysis					6																				6	6	6	
2183118	Data Processing	6		6	6	4	6	6	6	4	4		4		6	4	6	6	6		6	6		6	6	4	4	4	
2183118	Information Processing	3																											
	Business: Marketing																												
	Cosmetics Retail Management/Sales																									4			
	Garden Centre Merchandising																										4		
5170122	Insurance												4			4	④												
5135199	Marketing	6		6	6	6	6	4	6		4	6	4	6		6	6	6	6		6	6	6	6	6	6	6	6	
	Physical Distribution										4																		
5135199	Retail Marketing	4				4	4			4		④	4											2		4	4	4	
5130199	Sales and Merchandising										2		4				4												
	Textile Fabrics and Marketing															4													
	Business: Secretarial																												
	Court Reporting										6																		
	Dicta Typist	2		2	2	4					2						2		2			2	2	2		2	2		
4111118	Secretarial Arts—General/Exec./Procedural	4	2	4	2	4	4	4	4	4	4	4	4	4	4	4	4	6	2		4	4	4	4	4	4	4	4	
4111118	—Bilingual	4		4	2	4											4	4						4					
4111118	—Legal	4		4	2	4	4	4	4	4	4	4	4	4	4	4	4	4			4	2		2	4	4	4	4	
4111118	—Medical/Medical Records Technician	4		4	2	4	4	4	4	4	4	4	4	4	4	4	4	4			4	2		2	4	4	4	4	
4111118	—Technical/Eng./Scientific/Educ.					4			4	④							4					2		2	4	4	4	4	
4110110	Secretarial Science/Professional	4		6		6			6	6	4				6		6	4	6		6	4	4	4	4		⑥		
	Communications																												
3314136	Advertising	2				6			6			4					④				6				6		4		
3314114	Animation																										6		
3351194	Communication Arts					6			6			4	6	4		6					6					4			
3353199	Communication Media Arts											4										4				4	4		
	Communications (Studio Techniques)														6														
	Editing and Book Publishing					6																							
3330122	Film Production	6					4	4																					
3314118	Graphic Communications/Advertising				4		6		6																				
	Historical/Natural Interpretive Service																									4			
3351166	Journalism	4		4	4	6	6		6	4			6				6				6				4		4		
3315110	Photographic/Cine Arts	6					6	4		6			4														4		
1179146	Public Relations	6							6				6				4												
3339126	Radio and T.V. Arts/Broadcasting	6			4	6	6	6		6			6				6												
	Community Services																												
2333118	Addiction Counsellor										4																		
	Arena/Ski Area Management												3																
2331126	Child Care Worker	4		4		6				4	4		6			4	④					4	4						
	Coaching—Gymnastics/Athletics																									4	4		
2331114	Community/Environmental Planning/Development	4														4											4		
2399	Community Studies												6																
	Conservation Technology																					⑥							
	Correctional Worker/Community Worker					4				4	4											4					4		
2190114	Counsellor/Special Care/Residential/Rehab.					4				4			4										4						
2731118	Early Childhood Education/Day Care Worker	4		4		4	4	6		4	4		5	4	4	4	4	④				4		4	④	4	4	4	
	Family/Consumer Studies												6																

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	Community Services (continued)																												
6113122	Law and Security Administration	4		4			4	4		4		4	4		4	4	4				2					4	4	4	
	Nursery Aide/Family Day Care										S			2													4		
	Outdoor Recreation Technician																									(4)			
	Parks Technician																									(4)			
2333122	Recreation/Facilities Management/Administration	6			4	4	4	4		4			4			4										6	2	4	
2399114	Research Techniques	6				4															4					4	4		
2231130	Social Services Worker	4		4		4	4	4		4			4			4	4	4								4	4	4	
	Sports Entertainment Administration								6							(4)													
	Food and Hospitality																												
	Flight Services																									2			
6120122	Food Service Management/Supervision	4			4	4				4	4						6				4								
2319134	Home Economics/Mgmt./Dietary Services					4																						4	
	Hospitality Administration and Services/Travel	4				6						6						4											
6130114	Hotel/Motel/Rest./Resort Management, Operation				4	6		6			4	4	4		6		6								4		4		
6139199	Tourism/Travel/Transportation	6				6		4		4			4				4				6					6	2	6	
	Health (Allied)																												
	Ambulance & Emergency Care									(2)			2				2												
3159186	Animal Health Care																				4	6				(4)	2		
2399199	Behavioural Science					4				4					4		4					(6)	4	4					
	Bio-Medical Electronics									4																			
3156134	Bio-Medical Equipment Technician/Maintenance	4								2			4																
	Community Mental Health	2								(2)																			
3157138	Dental/Technician/Assistant/Therapist/Hygienist	6			2			(2)	2	2	6	2					2				2					(2)			
	Family Planning and Sexuality Counselling	S																											
	Fitness Instructor										4																		
6141118	Funeral Services (15 months internship)												2																
3135110	Health Care Aide	S		S				S		S			S	(S)	S	S		2				(S)	2			S			
4161110	Health Records Technician/Librarian	(4)								2							4												
3135114	Hospital Orderly							S		S	S																		
2134199	Life Sciences Research/Bio-Sciences				6								6													(4)			
2156134	Medical Laboratory Technology	6		6	6					6			(6)	6	(6)	6					6	(6)							
2399199	Mental Retardation Counsellor	4		4		4		4		4		4	4		4						4		(4)		4				
3131130	Nursing (diploma—3 semesters per year)	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		6	6	6	6	6	6	6	6	
	Nursing Assistant (Psychiatric) Post-RNA				S					S									S				(S)						
3134110	Nursing Assistant—RNA—Operating Room	(2)			2		2		2	2		2	2		2			2			2	2	2						
	Nursing—Post RN, clinical specialist	(2)									S		(S)									(S)				(S)			
3159110	Orthotic-Prosthetic Technician										6																		
3159174	Pharmacy Assistant												2								2								
3137122	Physiotherapy and Occupational Therapy															6													
3155118	Radiology (Medical) Radiography	(4)		4				4		4						6													
3159134	Respiratory Technology	6								4																			
	Instructional Resource Services																												
2799114	Audio-Visual Instruction Materials Eqp't. Technician			4				4		4			4													4		4	
2799122	Educational Resources Technician														4		4	4									4	4	
2353134	Library Technician	4		4						4							4				4					4	4		

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	Technology Technician (Engineering)																												
2165299	Air Conditioning/Refrigeration/Heating	4								(6)	4		4				4												
2165118/218	Chemical	6		6		6			6				6	6	6	6	6		6		6	6		6	6	6	6			
2165122/222	Civil	6		6		6	6	6	4	6	4	6	6		6	6			6			6	6	6		6		6	
2183122	Computer Science	6							6							6	6		6								6		
2165114	Construction	4				6	6			6	4				4	4	6				4				4		4	4	
	Control Systems									6						6										6			
2163126	Drafting—Architectural/Structural	6	4			4					4				4			4							4				
2163199	Drafting—Engineering/Electrical										4												(4)				4	4	
2163110	Drafting—General	4									4																		
2163154	Drafting—Mechanical/Mechanical Services	4				4	4		4		4	4		4	4	4	4				4		(4)			4			
2165126/226	Electrical			4			6	4		4	6	4	4		6		4	4	6		6				6		6	4	
2165130/230	Electronics	6		6		6	6	4	6	6	6	6	6	6	6	6	6	4	6		6	6		6	6	6	6	6	
2143130	Environmental Engineering/Control									4					4														
2165122	Fire Protection/Industrial Safety	4											6													6			
2165199	Fluid Power					6	4			(4)																			
2135166	Food Processing/Food Laboratory				6				6		6										6								
2117118/252	Geological			6																					4				6
2165	Industrial Engineering/General/Maintenance	(6)		4						(4)		4					6				6		(4)					4	
2165134/238	Industrial Instrumentation	4		4		4					6					4	4			4			6	6					
	Industrial Management												6			6													
	Industrial Metalcraft					6																							
	Industrial Microbiology					6																							
	Manufacturing									2																			
	Materials Joining/Testing									(4)																			
2165142/246	Mechanical	6				6	6	4	6			6	4	6	4	6	6		6		6		6	6	6	6	6	4	
2165146/250	Metallurgical			6						4						6	6												
2165150/254	Mining (Including Geology and Metallurgy)			6																6									
	Plastics/Rubber/Production and Design										4										4								
2143130	Pollution Control						6																			4			
2165	Power			(6)													6						6						
2165134/238	Production Control/Manufacturing									6			6				(4)												
8311110	Tool and Die Design									4	4		4																
8311130	Tool and Die Making	4									4				4						4								
	Transportation Planning															6											4		
2159142	Welding						4												6										
	Technology Technician (General)																												
	Acoustics										4																		
9113126	Air Transport/Aviation Management							4	6																				
8582110	Aircraft Maintenance ('A' or 'R')				4	3		4																					
9119199	Aviation and Flight/Helicopter Pilot				2																				4	8			
	Avionics					3		4																		4			
2165114	Architectural	6				6		6		6			6		4	6					6								
3156110	Bio-Chemical/Bio-Science	6											6						6		6								4
2165199	Building Environment Systems																									6			
2163114	Cartography	4																								4			6
2117248	Coatings										4																		
2165262	Combustion																				4								
2165222	Concrete										4																		

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	Technology Technician (General) —(continued)																												
2165299	Electro-Mechanical												6				④				④					⑥	④	6	
2165230	Electronics (General)	4				4	4	4		2	4										4							4	
2135248	Floriculture												4																
2135272	Forest/Fish and Wildlife/Recreation		4																						6				6
	Furniture Refinishing/Repair/Renovation									4											4								
3314114/118	Graphic Arts/Technical Graphics/Printing	4								6							4												
	Heavy Equipment Construction Techniques																										4		
	Home Appliance Servicing																										2		
2165299	Industrial Chemistry	4				4							6						4						4	4			
2117264	Laboratory												4						4			6		6		6		4	
2135248	Landscape Design/Horticultural	4								6			6				4				4								
2165246	Machine and Product Design									4	4																		
	Machine Shop and Welding (Applied)								2												2								
9153118	Marine Engineering											6					6							6					
9151130	Marine Navigation											6																	
2165134/238	Materials Science/Handling/Design/Packaging										4	6															4		
	Mathematical Computation									4							6												
	Mechanical Eng. (Mobile Equipment)									⑥																			
2165246	Motive Power/Auto/Diesel/Heavy Eqp't./Rec. Veh.					4				4						4					4				4				4
2165246	Motive Power/Management/Parts					4				④																			
	Museum	6																											
	Natural Resources/Air and Water Science			6			6					6			4							6				6			
	Pharmaceutical Chemical Technology																									6			
	Photography	4																									4	4	
2117126/264	Physics/Science Laboratory	6								6																			
8588118	Precision Instrument Techniques										4																		
8179122	Process Operations													2															
2165299	Process Pipe Design										4																		
2165238	Quality Control												4																
2161122/118	Survey/Aerial Survey	6				4		4		6	6	4	6		4		4	6								③			
	Technical Administration																								2				
5131199	Technical Sales Representative												6																
2165230	Telecommunications						6	4																		4			
2117130/268	Textiles															6													
8587110	Watchmaking										6																		
8335114	Welding and Fabricating	2					2				2														2			2	
8335126	Welding Specialist										2																		
8541110	Wood Products						4																						
7519199	Woodsworker		2																										
9916110	X-Ray (Industrial)					4																							

Short Programs

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	Academic Improvement																							
	Academic Upgrading A	36	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
9601	Academic Upgrading 1	24	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
9603	Academic Upgrading 2	32	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
9605	Academic Upgrading 3	32	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
96111	English As A Second Language	24	A	A		A	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A	
96113	English As A Second Language (Advanced)	12									A								A		A	A		
96112	English For Provisional Tradesmen	24		A		A					A					A	P				P			
	French As A Second Language																			A				
96114	Occupational English	6					P							A			P		A		P			
961121	Preparation for Certificate of Qualification	10				A					A					A	P	A			P			
	Artistic, Literary, Performing Arts and Related																							
3314118	Commercial Art	40									A					A								
3313114	Interior Design and Decorating	40																P			A			
3351160	Journalism and Newswriting	40					A					A												
3311118	Screen Process Printing	40									A													
3319114	Signwriting	40									A					P								
	Clerical and Related																							
41311	Accountancy	40	A	A	A	A	A		A	A	A	A	A	A	A	P	A	A	A	A	P	A		A
4131142	Business Bookkeeping	28		P			P		P	A						P		A	A		A	A		A
41411101	Business Machines	12		P			P		P	A	A					P	P	A			A			A
4141110	Business Machines and Bookkeeping	40		P		A			P	A	A		A			P	P	A			A	A	P	A
4113124	Clerk-Typist	24	A	P	A	A	A		A	A	A	A	A	A		A	A	A	A	A	A	A	A	A
4197114	Commercial Clerical	40	A	A	A	A	A	A	P	A	A	A	A	A		P	P	A	A	A	A	A		A
4113118	Commercial Dictating Machines	32								A	A					P	P		A		A			P
41971141	Commercial Refresher	16	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	P	A
4111118	Commercial Stenography	40	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A
4135198	Finance Clerk	24																						P
	Hotel Front Office Procedure	20																			A			
4155126	Inventory Control	24		A						P	A										A			
41111181	Legal Secretary	32													A				A	A	A			A
41181182	Medical Secretary	32													A					A	P			A
41111183	Medical Terminology	14								P						A					P			
41111184	Steno Refresher	12	A			A	P		A		A					P	P	A			A		A	A
4133110	Teller Cashier	8		A	A		A			P		P	A	A		A	P	P	A	A	A	P	P	
41971142	Typing Refresher	12	A			A	P		A	A	A		A		A	P	P	A			A	A		A
	Community Services and Related Fields																							
3139142	Certified Visiting Homemaker	12	A				P			P		A		P			P	P			A			
2331122	Nursery Aide	16						P			A										A			
	Construction Trades																							
8711162	Back-hoe Operator	4								P									A				A	
8799154	Carpet Layer	16											A		A	P					P			
8799278	Construction Trades Helper	16	A	P	A			A		P				A	A	P		A		A	P			P
8784130	Dry Wall (Taper and Boarder)	8		P						P	A	A				P					P			P
87811103	General Carpentry Advanced	40		A			A			P	A							A			A			A
87811101	General Carpentry Fundamentals	8	A	P			P			A		A		P	A			P			A			A
87331	Industrial Electricity	40																			P			
8799126	Industrial Maintenance Mechanic	48					A								A			A						A
8791110	Industrial Pipe Fitter	40															P				A			

A—Active P—Possible

CCDO No.	Program	weeks	Algonquin	Cambrian	Canadore	Centennial	Conestoga	Confederation	Durham	Fanshawe	George Brown	Georgian	Humber	Lambton	Loyalist	Mohawk	Niagara	Northern	St. Clair	St. Lawrence	Sault	Seneca	Sheridan	Sir Sandford Fleming
	Construction Trades (continued)																							
8782	Masonry	20		A	A						A	A		A				A			P			A
8791122	Natural Gas Serviceman	26																				P		
8799130	Oil Burner Service	20									A	A									P			
8785110	Painting and Decorating	16		P							A				A	A					A			P
8335138	Pipeline Welding	8																			P		A	
8791114	Plumbing	40									A									A				
8733114	Refrigeration and Air Conditioning	34	A								A													
8799206	Residential Metal Siding Installer	8		A							A										P			
8799158	Smooth Surface Floor Covering	8		P									A								P			
8791110	Steamfitting	40																			P			
	Farming, Horticultural and Animal																							
	Beef and Swine Management	5										A												
3339158	Care and Training of Standard Bred Horses	16																	A					
7195146	Horticulture and Gardening	40																			P			
7111	Management of Farm Business	10	P	P								A			A					A				P
7185110-01	Orchard Maintenance (1)	4										A												
7185110-02	Orchard Maintenance (2)	4										A												
	Health, Allied																							
3157114	Dental Assistant	34	A		A			A	A	A	A	A					A		A		P			
3135110	Health Care Aide	16	A	A			P	A		A		A		A	A	A	A	A		P	A		A	P
	Hospital Central Service														A									
3135114	Hospital Orderly Training	20						A		P	A						A				P			
	Machining and Related																							
8313282	Automatic Screw Machine Setter-Operator (Single Sp.)	40											A											
8315138	Automatic Screw Machine Setter-Operator (Multiple Sp.)	40											A				P							
8334118	Brake Shear Set-Up Operator	10								A														
8319156	Forestry Filers	40																A						
8357118	Furniture Mfg. Finish Machining and Sanding Operator	30																			P			
8355	Furniture Mfg. Rough Machining and Assembly Operator	30																			P			
8315178	Lathe Operator	12					A			A	A		P			A	P							P
8315122	Machine Shop Practice	40	A	P	A		A		P	A	A	P	A	P	A	A	A		A	A	A	A		A
8337	Metal Fabrication	40	A				P			A														A
8379154	Optical Lens Processing	36										A												
8335126	Shipyard Welding	12															P							
83351143	Steel Layout and Welding	40		P				P								A	A							
8335114	Welding Fitter	40		A			A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A
83351141	Welding Fitter Refresher	20					P			A	A		A			P				P				
8335126	Welding Operator	20		P			P	P	P	A	A		A			A								
	Managerial, Administrative and Related																							
1179206	Indian Band Management I, II, III & IV	12						P				A						A			A			
	Small Business Management											A												
	Material Handling and Related																							
93151301	Heavy Equipment Operator*	12																	A				A	
93151303	Loader Bulldozer Operator	4																					A	
93151304	Sideboom Operator	4																					A	
9311110	Tower Crane Operator	8																					A	

*Heavy Equipment Operator (Northern) is also offered at Quetico

A—Active P—Possible

CCDC No	Program	weeks	Algonquin	Cambrian	Canadore	Centennial	Conestoga	Confederation	Durham	Fanshawe	George Brown	Georgian	Humber	Lambton	Loyalist	Mohawk	Niagara	Northern	St Clair	St Lawrence	Sault	Seneca	Sheridan	Sir Sandford Fleming
	Mining and Quarrying																							
	Diamond Drill Operator	15																A						
7719	Mining Assistant	34																A						
	Natural Sciences, Engineering and Mathematics																							
21631992	Blue Print Reading	8		A		A			P		A					P	P	A			P			
21631991	Drafting	40		A		P	A		A		A		A			A	A		A	A	P	P	P	
	Drafting, Piping	32												A										
21631993	Drafting Refresher	20				P			P		A		A								P			
2163138	Electrical Drafting	40																			P			
2183118	Electronic Data Processing 1, 2, 3	8								A	A								A					
2119	Geophysical Assistant	12						P																
2117299	Heating Technician	40	A								A													
2119118	Prospecting Techniques	12						P										A						
2165238	Quality Control	40																					A	
2161122	Survey Assistant	32																A			P			
	Processing																							
8213114	Baking Techniques	40									A						P				P			
8215110	Butcher and Meatcutter	24					A				A													
8236114	Forestry Grader and Scaler	35																A			A		P	
8239	Forestry Sawyer and Millwright	35																P					P	
8239142	Logging and Small Sawmill Operator	12																					P	
8179122	Process Operations	32												A										
8215110	Production Meat Cutter	4									P													
8215114	Retail Meat Cutting	20					P				A													
7517118	Skidder Operator	6																A					A	
	Product Fabricating, Assembling and Repairing																							
85822	Aircraft Bench and Structural Assembler	12				P																		
85821	Aircraft Ground Handling Equipment Mechanic	34				A																		
8582110	Aircraft Maintenance Technician	52				A																		
8553142	Apparel Design and Pattern Drafting	32									A													
8533126	Appliance Servicing	40	A				A		P	A	A	A		A				A						
8581142B	Automotive Upholstery Trim	8				P															P			
85823	Avionics	52				A																		
8592	(Small) Boat Construction, Maintenance and Repair			P																				
8585118	Business Equipment Servicing	48									A													
8588126	Camera Repair Mechanic	30											A											
8583110	Carman (Railway)	12				A																		
8553142	Custom Dressmaking and Alterations	28		P							A					A					P			
8589198	Cycle and Sports Repair	30																		P	P			
9531118	Diesel Electric Mechanic	40				A															P			
8584382	Diesel Engine Mechanic	20				A															A			
85371	Electronics-Colour T.V. Upgrading	10								A	A													
8535122	Electronics-Communications	48					A				A													
8537	Electronics-Home Entertainment	48	A	A			A	A	A	A	A		A	A	A	A	A	A	A	A	P	A		
8535	Electronics-Industrial Control	48					A	P			A				A									
8500	Fluid Power Control Mechanic	40				A	A																P	
8581118	Fork Lift Vehicle Mechanic	40				A																		
8555	Fur Business and Manufacturing Techniques	40									A													
8595110	Furniture Mfg. Finishing/Operator	20					A				A										P			

A—Active P—Possible

CCDO No.	Program	weeks	Algonquin	Cambrian	Canadore	Centennial	Conestoga	Confederation	Durham	Fanshawe	George Brown	Georgian	Humber	Lambton	Loyalist	Mohawk	Niagara	Northern	St. Clair	St. Lawrence	Sault	Seneca	Sheridan	Sir Sandford Fleming
	Product Fabricating, Assembling and Repairing (continued)																							
8562110	Furniture Mfg -Upholstery Fabric Operator	30									A													
85621101	Furniture Upholstery and Manufacturing	40					A				A													
8562110	Furniture Upholstery and Repair	40					A				A										P			
85843781	Heavy Duty Equipment Mechanic	40				A		A						P				A			A			
85843782	Heavy Equipment Field Servicing	12												P									A	
8583783	Heavy Equipment Service Operator	25																	A				A	
8[illegible]2	Industrial Orientation	9								P	A	A			P	P					P			A
8595238	Industrial Paint Spraying and Metal Finishing	28								A														
8563114	Industrial Power Sewing	24							A	A	A					A				A				
8588118	Instrumentation Mechanic	40									A		A					P						
85921	Marine and Small Powered Equipment Mechanic	40		A		A		A	A			A	A	A		A		P		A	P			A
85922	Marine and Snow Vehicle Maintenance	16		A		A		A				A				A		A			P			P
8581158	Motor Cycle Mechanic	40	A			A												P			P			
8581110	Motor Vehicle Mechanic	40				A									A	P		P		A	P			
8592166	Pipefitter Improver (Shipbuilding)	10										A					P							
8573	Plastics Production Techniques	40									A													
	Sales																							
5135126	Automotive Merchandising	34														A								
	Inventory Control—Autoparts Merchandising	20																			A			
5137114	Retail Merchandising	16		P		A	A	A		A		P		A		A	A			A	A		P	P
5130	Retail Merchandising (Supervisor)	40					P			A				P			P			A	A			
5145110	Service Station Attendant	24		P	A	A				P						A		P		P				
	Service																							
6130122	Apartment Building Superintendent	20					A																	
6123110	Bartending	15	A								A						P	A			P			
612111	Camp Cook	14																P			P			
6191110	Certified Building Custodian	14					A			A	A	P				A				P	P			P
6125126	Dining Room Service	10	A	P							A	A		A		A	A	P		A	A	A		P
61213	Food Preparation, Advanced	40					P				A						P	A			P			
61212	Food Preparation, Basic	20					A				A			A		A	A	A			A			
61211	Food Preparation Fundamentals	10			A		P				A						P	A			P			
6143118	Hairdressing	40	A								A									A	P			P
6143114	Hairstyling for Barbers	6		A							A										P			
6120199	Hospital Food Supervisor	24															P							
6198199	Hospital Porter	5														A								
6133114	Housekeeping Services	4								A														
6115138	Protection and Security Services	30													A									
612114	Ship's Cook	24									A						A							
6139199	Tourist Outfitting and Guiding	14		P				P													P			
	Teaching and Related																							
2799114	Audio Visual Specialist	40															A							
	Transport Equipment Operating																							
9153110	Marine Engineer	28						A				A					A							
9151114	Marine Navigation Officer	28						A				A					A							
9151110	Master and Mate	12						A				A					A							
9175122	Tractor-Trailer Driver	4		A							A													
9175110	Truck Driver	3									A													
	Truck Driver Trainer	3									A													

A—Active P—Possible

CCDO No.	Program	Weeks	Algonquin	Cambrian	Canadore	Centennial	Conestoga	Confederation	Durham	Fanshawe	George Brown	Georgian	Humber	Lambton	Loyalist	Mohawk	Niagara	Northern	St. Clair	St. Lawrence	Sault	Seneca	Sheridan	Sir Sandford Fleming
	Other Crafts and Equipment Operating																							
9515138	Film Assembly	12									A													
9512	Graphic Arts Assistant	40	A																					
9512126	Offset Printing	40					A				A													
95121261	Offset Printing for Letterpressmen	12									A													
9533122	Stationary Engineering	40		A							A					A								
	Not Classified																							
9617	Basic Job Readiness (BJRT)		A		A			A		A	A			P		A		A	A		A		A	
	Flight Instructor Training	13																				A		
	Laboratory Technician	40													P									
	Life Skills		A							A		A						P	A					
9900	Orientation	3	A	A			P									P		A			P			

A—Active P—Possible

Algonquin College of Applied Arts and Technology

Ottawa

President: L. Isabelle

Algonquin College serves an area that is essentially the Ottawa Valley. It now has campuses in Ottawa, Pembroke and Perth and operates continuing education courses in Deep River, Hawkesbury, Rockland, Plantagenet, Renfrew, Smith Falls and Arnprior. Algonquin College has been officially designated as a bilingual college.

Enrolment 1974-75
Full-time 6,547
Continuing education 23,000
Retraining 1,939
Apprenticeship 1,157
Total 32,643

• **Programs Offered**

Ottawa Campus

Applied Arts
Three-Year Diplomas
Interior design*, museum technology*, radio and television arts*, recreation facilities management*.

Two-Year Diplomas
Child care worker*, commercial art*, community development*, early childhood education*, equestrian management*, fine arts*, fine crafts*, general arts and science*, horticulture and landscaping*, interior design*, journalism*, law and security administration*, library technician*, mental retardation counsellor*, radio/television arts*, recreation leadership*, social service worker*.

One-Year Certificate
Advertising and promotion*.

Business
Three-Year Diplomas
Business administration (options in accounting*, applied research*, data processing*, general business*, management studies*, marketing*, public relations, tourism).

Two-Year Diplomas
Business (options in accounting*, data processing*, marketing*, retail management*), culinarian (approval pending), finance, hospital unit management* (approval pending), hospitality administration and food services*, legal assistant, real estate and property management, secretarial studies (executive secretary, executive bilingual*, legal secretary, legal bilingual*, medical secretary, medical bilingual*).

Special One-Year Certificate
Information processing.

One-Year Certificates
Retail merchandising, cook training*, travel consultant (approval pending).

Short Program
Bartending* (15 weeks).

Apprenticeship Programs
Chef*, hairdresser*.

Health Sciences
Three-Year Diplomas
Medical laboratory technology*, respiratory technology*.

Two-Year Diplomas
Nursing* (see health sciences section), dental hygiene, health records administration* (approval pending), radiography* (approval pending).

One-Year Certificates
Dental assistant, dental nurse (an extension of the dental assistant program).

Technology and Trades
Three-Year Diplomas
Architectural technology*, biochemical technology*, chemical technology, civil technology, computing science technology, electronics technology*, industrial engineering technology* (approval pending), mechanical technology, physics technology, survey technology*.

Two-Year Diplomas
Architectural technician*, cartography (general or photogrammetry option*), construction technician*, electro-mechanical drafting, electronics technician*, electronics technician (biomedical option), film production*, fire prevention and industrial safety*, graphic arts*, industrial chemistry technician, industrial instrumentation technician, mechanical systems technician, photography*, survey technician*, tool-making technician.

One-Year Certificates
Electronics service technician, graphic arts assistant*, machine shop, service technician (air conditioning and refrigeration*, appliance and vending machine servicing, heating equipment servicing), welding and fabrication*.

Apprenticeship Programs
Auto body repair, carpenter* (general), construction electrician, motor vehicle mechanic, plumber, sheet metal mechanic.

• **Programs Offered**

Upper Ottawa Valley Campus
315 Pembroke Street East
Pembroke, Ontario K8A 3K2

Three-Year Diplomas
Business administration (first and second years only), engineering technology (first year only).

Two-Year Diplomas
Architectural technician, business, forestry technician*, nursing (see health sciences section), secretarial science.

One-Year Certificate
Forest woodsworker.

*also offered in French

Continuing Education
Most diploma and certificate programs may be taken by part-time students through the Continuing Education Division. In addition, the college offers a wide variety of courses in response to the needs of vocational business, professional and community groups.

Summer Programs
Algonquin College offers preparatory courses in the summer months. Special upgrading courses are available in English, French, mathematics and drafting. A variety of courses in different programs is offered in the spring semester by the Business Division and the Continuing Education Division.

Further Inquiries
For further information about admission requirements or specific programs, please contact
Director of Admissions
Algonquin College of Applied Arts and Technology
1385 Woodroffe Avenue
Ottawa, Ontario K2G 1V8
Telephone (613) 725-7432 (24-hour answering service)

For further information and application forms for financial assistance, consult
Financial Aid Officer
Algonquin College of Applied Arts and Technology
1385 Woodroffe Avenue
Ottawa, Ontario K2G 1V8
Telephone (613) 725-7210

Cambrian College of Applied Arts and Technology

Sudbury

President: John T. Koski

Cambrian College has expanded to three locations in Sudbury along with its far-flung operations in the districts of Sudbury and Manitoulin. The polytechnical division, housed in a downtown campus in Sudbury, also operates a small-scale nickel mine in Copper Cliff and its students travel extensively in the region to field and survey camps. The permanent campus, on a rocky 150-acre site in the city's northeast corner, emphasizes flexible interior space and a "pedestrian street" rather than extensive corridors. Labs and studios are faced with glass so that passers-by may observe and participate in the activities taking place inside. The Health Sciences Campus features a 204-bed residence, extensive lab and class facilities, and a library.

Enrolment 1974-75
Full-time 1,276
Extension 9,400
Adult training 1,900
Total 12,576

Library
The library contains approximately 25,000 books; 950 periodicals and serials; 3,000 slides and microfiche; 400 films, filmstrips and film loops; and 500 recordings, tapes and scores.

Campus Locations
Sudbury is the major location for post-secondary programs. Polytechnical programs are run at 261 Notre-Dame Avenue; business and applied arts at 1400 Barrydowne Road; and health sciences at 885 Regent Street South.

- **Programs Offered**

Applied Arts
Three-Year Diplomas
Fine arts technology (art, music, theatre arts), law clerk.
Admission Requirements: Ontario Secondary School Graduation Diploma (27 credits). Students will also be expected to fulfill the following requirements: Art—portfolio; music—audition plus Grade 8 (RCM) for pedagogy option; law clerk—two semesters following a four-semester college diploma program.

Two-Year Diplomas
Audio-visual technician, *bibliotechnicien*/library technician, *enfance exceptionnelle*/child care worker, general arts and science, journalism, law and security administration, mental retardation residential counsellor, *services sociaux*/social services.
Admission Requirements: OSSGD (27 credits) with additional requirements for the following programs: Mental retardation residential counsellor—interview; *services sociaux*/social services, *enfance exceptionnelle*/child care worker—19 years of age and interview; audio-visual technician, *bibliotechnicien*/library technician, journalism—interview.

Business
Three-Year Diplomas
Accounting, business administration, marketing, real estate administration, secretarial science.
Admission Requirements: OSSGD (27 credits). Students planning to take the secretarial science program must have successfully completed a second-level college secretarial option.

Two-Year Diplomas
Accounting, assessment administration, data processing, marketing, secretarial (bilingual, executive, legal, medical).
Admission Requirements: OSSGD (27 credits). There are additional requirements for the following programs: Bilingual secretarial—40 wpm typing, office practice and facility in the French and English languages; executive and medical secretarial—40 wpm typing and office practice; legal secretarial—40 wpm typing, 80 wpm Pitman shorthand and office practice.

One-Year Certificates
Clerical stenographer, dicta-typist.
Admission Requirements: OSSGD (27 credits).

Technology
Three-Year Diplomas
Chemical technology, civil technology, electronics, environmental biology, geology, metallurgy, mining.
Admission Requirements: OSSGD (27 credits) including senior level English, mathematics, chemistry and physics with an average on these credits of 60% for advanced level work or 70% for general level work.

Two-Year Diplomas
Chemistry technician, civil technician, electrical technician, electronics technician, geology technician, industrial engineering technician, industrial instrumentation, metallurgy technician, mining technician.
Admission Requirements: OSSGD (27 credits) including senior level English and mathematics. Senior level chemistry is required for industrial chemistry, geology, and metallurgy. Physics is required for civil technician, electronics technician, electrical technician, industrial instrumentation and mining technician. A senior level science is required for industrial engineering technician.

Health Sciences
Two-Year Diplomas
Medical laboratory technology, nursing, radiography.
Admission Requirements: Medical laboratory technology—OSSHGD (six year 5 credits) with 60% average, including chemistry, physics or biology, and mathematics (relations and functions), or successful completion of the first year of the chemical technology program and an interview. Nursing—OSSGD (27 credits). It is recommended that these include two credits in mathematics and English, senior level chemistry and either senior level physics or biology, with an average on these credits of 60% for advanced level work, or 75% for general level work. An aptitude test and an interview are also required. (See health sciences section.) Radiography—OSSGD (27 credits) with a 60% average in each of senior advanced level physics, mathematics, and either chemistry or biology; plus four credits in English, general or advanced level, and an interview.

Counselling Services
Education and vocational counselling is available, as is interest and aptitude testing, personal, medical and group counselling, financial assistance and human growth seminars. These professional services are completely confidential.

Student Placement Service
The college maintains a comprehensive placement service designed to assist the graduating student to find related and suitable employment. Counselling on job-search techniques is available throughout the year, on an individual or group basis, from the Placement Offices which are situated on each campus. Assistance in finding part-time or summer employment is also offered. The Placement Office keeps business and industry aware of the capabilities of Cambrian students and encourages on-campus employment interviews. Information and brochures on various corporations are available through either office.

Student Awards
The Financial Aid Office is set up to assist students with all aspects of financial planning and budgeting. The Associate Registrar, who administers the program, is available to help students apply for government aid, privately donated scholarships and bursaries, academic awards and emergency loans, as well as loan-fund projects such as pawnshop operation. For further information on financial assistance, please see the introductory section.

Living Accommodation
A modern 204-bed residence at the Regent Street Campus features single rooms clustered around kitchenette facilities. Full meal service at reduced rates is available in the adjoining hospital dining room. Frequent bus service connects the campuses. Application for accommodation should be made to the Residence Manager. A housing registry is maintained in the Registrar's office and is available during summer and fall. While the type of accommodation and costs are recorded, the college does not inspect or certify the quality of the rooms or apartments listed. Average rates for room and board may vary from $30 to $40, depending on the location and type of accommodation.

Sports
Cambrian College participates in the Ontario College Athletic Association, in both the men's and women's events scheduled by the association. Students also have the opportunity to participate in the campus intramural sports program.

In addition to these formal activities, the athletic facilities of the campus are available to students who wish to use them for more informal recreational programs. In addition, there are excellent opportunities in the community for boating, swimming, curling, skiing, bowling, fishing and hunting.

Additional Expenses
Electrical, electronics, industrial instrumentation—$65 for lab projects which student retains.
Audio-visual—single-lens reflex camera, which costs approximately $200, and about $150 for supplies.
Enfance exceptionnelle/child care, *services sociaux*/social services, mental retardation—living expenses for out-of-town field-placement periods and $50 seminar fee.
Fine arts—$50 lab fee for projects retained by the student and approximately $50 for personal art supplies.
Medical laboratory technology—$60 for Canadian Society of Laboratory Technologists exams.
Nursing—$60 for R.N. exams.
Radiography—$30 for Ontario Society of Radiological Technicians membership.

Further Inquiries
For further information, please contact
Registrar
Cambrian College of Applied Arts and Technology
1400 Barrydowne Road
Station "A"
Sudbury, Ontario P3A 3V8
Telephone (705) 566-8101

Canadore College of Applied Arts and Technology

North Bay

President: Murray Hewgill

Canadore College is one of Ontario's newest community colleges, but its history dates from 1967 when Cambrian College was created with campuses in North Bay, Sudbury and Sault Ste. Marie. In the summer of 1972, the North Bay Campus was separated from Cambrian to form Canadore College.

Canadore College is located in an attractive rural setting which overlooks Lake Nipissing and the city of North Bay. To provide a total community environment, food and residence services are located on the college campus.

Canadore College is committed to the present to serve the future, your future. The college offers a wide range of educational opportunities of a career-oriented nature which will enable the student to achieve success in his or her chosen vocation. To this end, the college encourages students to assume a major responsibility for their own learning programs. The college emphasizes the relationship between the student and the teacher and provides a wide variety of modern technical equipment to enhance the learning environment.

Enrolment 1974-75
Full-time 950
Extension 5,000
Total 5,950

Library
A well stocked library serves the needs of students and faculty with a wide range of informational resources. The book collection of approximately 60,000 volumes grows at a rate of about 5,000 books a year. The library subscribes to over 600 journals, periodicals and newspapers, as well as many publications of federal, provincial and foreign governments. The library is also equipped with study carrels and an extensive collection of microfilm and associated equipment which provides access to the back files of a large selection of periodical literature. Modern photocopying equipment further facilitates the use of the library's resources and speeds up the information process for library users.

General Requirements for Admission
All applications for admission are reviewed by the Board of Admissions which is empowered to reject or defer the admission of any applicant whose qualifications, in the opinion of the Board, are not adequate for the demands of the program in which the applicant wishes to register. Possession of the minimum admission requirements does not guarantee admission because other factors such as space or facility limitations may affect enrolment.

The minimum admission requirements are as follows:

Applied Arts
The student requires an Ontario year 4 Secondary School Graduation Diploma (27 credits) or equivalent.

Business
The student requires a year 4 OSSGD (27 credits) or equivalent.

Technology
The student requires a year 4 OSSGD (27 credits) or equivalent, with standing in math, chemistry, physics and/or biology. The minimum admission requirement for the aircraft maintenance technician program is year 4 graduation from an Ontario secondary school with math, physics, shop and mechanical aptitude. A test is administered by the college to determine eligibility and an interview is required.

• Programs Offered

Applied Arts
Two-Year Diplomas
Communications arts (specializations in graphic communications, journalism and radio/television arts, theatre arts), food service supervision, general arts and science, recreation leadership.
Admission Requirement: OSSGD.

Business
Three-Year Diplomas
Accounting, administration, data processing, marketing.
Admission Requirement: OSSGD.

Two-Year Diplomas
Accounting, general business, hotel and resort management.
Admission Requirement: OSSGD.

One-Year Certificate
Secretarial arts (bilingual secretary, clerical typist, dicta-typist, executive secretary, legal secretary, medical secretary, office clerk, stenographer).
Admission Requirements: OSSGD or equivalent or mature student status. Executive and legal secretarial applicants must have attained a typing speed of 40 wpm, shorthand at 80 wpm and possess one course in office practice. Bilingual secretarial applicants must have attained a typing speed of 40 wpm, shorthand at 80 wpm and possess one course in office practice; applicants must be fluent in both oral and written French and English. Medical secretarial applicants must have attained a typing speed of 40 wpm and completed one course in office practice; shorthand is not a requirement but is desirable.

Technology

Three-Year Diplomas

Laboratory sciences (option in food technology and medical technology).

Admission Requirements: Food science technology applicants must have an OSSGD or equivalent, with standing in math, chemistry and physics or biology at the general level of the senior division. Students possessing an Ontario Secondary School Honour Graduation Diploma with high academic standing in math, chemistry and physics or biology, may be admitted to the second year.

Admission to the medical laboratory technology program is possible via two routes:

(a) OSSGD with high academic standing in three of math, chemistry, physics or biology at the advanced level of the senior division. Applicants may write exemption tests for first year subjects in math, chemistry, physics and biology. Study material will be forwarded at the applicant's request.
(b) Transfer students. Applicants with high academic standing who have successfully completed the first year of the biological sciences technology program or an equivalent technology program at another college or university.

Biological Sciences Technology

Admission Requirements: OSSGD or equivalent, with standing in math, chemistry, and physics or biology at the general level of the senior division. Students possessing these subjects at the OSSHGD level who wish to apply for exemption exams in math, chemistry, biology and physics should do so in the month of August. Study materials will be sent on request to applicants wishing exemption.

Two-Year Diploma

Aircraft maintenance technician.

Admission Requirements: OSSGD. Applicants must have the college minimum entrance requirements including physics and mathematics at the advanced or general level of the senior division; one course in a shop at the general level of the junior division.

One-Year Certificate

Helicopter pilot.

Admission Requirements: OSSGD and successful completion of a flight medical examination administered by the college flight surgeon. Applicants must have the college minimum entrance requirements. Applicants who hold a Fixed Wing Private Pilot's Licence will receive special consideration.

Health Sciences

Two-Year Diploma

Nursing. This program is a post year 4, two-year program leading to the award of a Diploma of Nursing and, upon successful completion of the examinations set by the College of Nurses, certification as a Registered Nurse. (See health sciences section.)

Admission Requirements: Applicants must possess the minimum entrance requirements as well as two science credits at the advanced level. Preference will be given to students who have physics and chemistry or chemistry and biology. All science credits must be at the advanced (superior) level of the senior division. Applicants who have biology at the advanced level in lieu of physics will be considered.

One-Year Certificates

Dental assistant, nursing assistant (psychiatric option).

Dental assistant admission requirements: OSSGD. Must possess the minimum admission requirements composed of two of the following sciences and mathematics:

(a) chemistry and biology at the advanced (superior) or general level of the senior division, or
(b) physics at the advanced (superior) or general level of the senior division and math (minimum junior level).

Applicants must complete a Comparative Guidance and Placement Test and a Test of Manual Dexterity.

A certificate of current dental and medical health with a tuberculin test endorsement is also required.

Nursing assistant minimum requirements: OSSGD or equivalent is preferred. However, applicants with year 2 will be considered.

A Comparative Guidance and Placement Test is required. Applicants must also successfully pass a physical examination, possess a certificate of current dental health and show proof of current immunization.

Continuing Education

The college offers a wide variety of credit and non-credit courses offered through continuing education. In addition, supervisory and management development courses and courses in industrial training are available. The former O.M.R.P. academic upgrading and retraining courses are also offered through the college. Other courses and programs can be arranged if sufficient interest is shown.

Counselling Services

The college maintains a full-time Counselling Centre with qualified counsellors to provide students with confidential assistance in their personal problems.

Career Planning and Placement

Without assuming responsibility for finding employment for graduates, the Career Planning and Placement Officer helps students to plan their careers and assists with their placement by making arrangements for them to meet prospective employers or their representatives.

Student Awards

The Student Awards Office has been established to assist students with all aspects of financial planning. Besides the Ontario Student Assistance Program for full-time students, a new provincial loan program and bursaries for part-time students, an Emergency Loan Fund is available. There are also a number of other bursaries.

Living Accommodation

The college offers townhouse apartments for student residences. Each townhouse has six single bedroom/studies with shared living room, dining area, kitchen with refrigerator and stove, all appropriately furnished.

Campus Shop

Here the student will find a wide range of items to satisfy both academic and personal needs. The campus shop stocks a large variety of school supplies and textbooks. In addition, the student is able to purchase small sundry and novelty items.

Gymnasium

In the large six-court gymnasium students may participate in a wide range of intramural activities. Free time is made available both during the day and evening to those who wish to carry out individual exercise.

Sports

The sports program embraces a wide variety of sports activities at both the varsity and intramural levels. The varsity hockey team and the varsity basketball team compete with other colleges in the Ontario Colleges Athletic Association.

Further Inquiries

For further information on admission requirements and details about programs and facilities at Canadore College and for information and application forms for student awards and loans please contact

Registrar
Canadore College of Applied Arts and Technology
P.O. Box 5001
North Bay, Ontario P1B 8K9
Telephone (705) 474-7600

For further information and application forms for student residences, please contact

Residence Manager
College Education Centre Residence
P.O. Box 5005
North Bay, Ontario P1B 8L7
Telephone (705) 474-1550

Centennial College of Applied Arts and Technology

Scarborough

President: Douglas E. Light

Centennial College was the first community college established in Ontario; it opened at 651 Warden Avenue in October, 1966. Since that time, Centennial College has developed a multiple campus operation at ten locations, including continuing education satellite campuses in Scarborough and East York.

In accordance with the policy of the Ministry of Colleges and Universities for the education of diploma nurses, the Scarborough Regional School of Nursing and Toronto East General and Orthopaedic Hospital Nursing School amalgamated with Centennial College on September 1, 1973.

It is a concern of the college that it should be intimately related to its community—Scarborough and East York. To provide this close relationship, the college has developed a multi-campus concept with integrated operations and has established advisory committees composed of a cross-section of people from the community.

Enrolment 1974-75
Full-time 2,636
Part-time (FTE) 2,405
Adult training 76,535 (training days)
TIBI 26,599 (training days)
MDP 67 (training days)
Apprenticeship 85,987 (training days)

Campus Locations
Warden Woods Campus
651 Warden Avenue
Scarborough

Ashtonbee Campus
75 Ashtonbee Road
Scarborough

Progress Campus
401 & Markham Road (being developed)
Scarborough

Birchmount Campus
424 Birchmount Road
Scarborough

Thorncliffe Campus
Thorncliffe Park Plaza
45 Overlea Blvd.
Don Mills

Scarborough Regional Campus
2877 Ellesmere Road
Scarborough

Toronto East General Campus
825 Coxwell Avenue
East York

General Admission Requirements
The basic admission requirement is an Ontario Secondary School Graduation Diploma (year 4) or the equivalent as determined by Centennial College. Prospective mature students who lack an OSSGD may apply to the college as mature students if they:
(a) are over the age of 19 at the beginning of the semester in which they wish to register, and
(b) are residents of Canada.
Applicants may be required to write Centennial College admission tests and attend an interview, the results of which will be used as a guide to their placement in the program most appropriate to their aptitudes, experience and educational aspirations.

Foreign students may apply to the college for admission if they:
(a) have an academic standing equivalent to an OSSGD as determined by the college,
(b) can demonstrate to the Department of Immigration and the college that they have sufficient funds for the duration of their studies at the college,
(c) are in the process of making application to obtain a student visa,
(d) can demonstrate proficiency in both spoken and written English, and
(e) can meet any selective admission criteria for the program for which application is being made.
Note: All applications for admission must be submitted on the standard form: Application for Admission to an Ontario College of Applied Arts and Technology. (Copies are not acceptable.)

• Programs Offered

Academic
Three-Year Diploma
General arts and science (majors in cultural studies, humanities, life and physical science, mathematics, and social sciences).
Admission Requirement: OSSGD (year 4).

Two-Year Diploma
General arts and science (majors in cultural studies, humanities, life and physical science, mathematics, and social sciences).
Admission Requirement: OSSGD (year 4).

One-Year Certificate
General arts and science.
Admission Requirement: OSSGD (year 4).

Applied Arts
Three-Year Diplomas
Communications (majors in creative advertising, industrial editing and book publishing, journalism, and radio and TV writing).
Admission Requirements: OSSGD (year 4) and a satisfactory score in the English section of the California Achievement Test; a satisfactory essay of approximately 500 words in length written at Centennial College under the supervision of the communications program faculty; and a positive recommendation after a personal interview with the Chairman of the Communications Department or his designate.

Child care worker, hospitality administration and services (majors in hotel and resort, restaurant and catering, travel and tourism).
Admission Requirements: OSSGD (year 4) and satisfactory completion of a personal suitability assessment interview given by the Applied Arts Division.

Two-Year Diplomas
Correctional worker.
Admission Requirements: OSSGD (year 4) and satisfactory completion of a personal suitability assessment interview given by the Applied Arts Division; subject to the employment criteria of the Ontario Ministry of Correctional Services.
Early childhood education, recreation leadership, research technician (behavioural studies), social services.
Admission Requirements: OSSGD (year 4) and satisfactory completion of a personal suitability assessment interview given by the Applied Arts Division.
Food Service supervisor, travel counsellor.
Admission Requirement: OSSGD (year 4).

Business Administration
Three-Year Diploma
Business administration (majors in accounting and finance, general management, health group management, manufacturing management, marketing management and programmer analyst).
Admission Requirement: OSSGD (year 4).

Two-Year Diplomas
General business (majors in accounting, data processing, general management, legal assistant and marketing), secretarial science (majors in business, executive legal, medical secretary).
Admission Requirement: OSSGD (year 4).

One-Year Certificate
Secretarial science (majors in business secretary, executive secretary, general secretary, legal secretary, medical secretary).
Admission Requirement: OSSGD (year 4).

Engineering Technology
Three-Year Diplomas
Architectural technology (the third year is optional for students who have successfully completed the two-year architectural technology program), chemical engineering technology (options in industrial and polymer), civil engineering technology (majors in public works and surveying), electronics engineering technology (options in control systems, electrical power and electronics), mechanical engineering technology (majors in industrial metal craftsman, industrial microbiology and mechanical design).
Admission Requirements: OSSGD (year 4) and an average of at least 60% in year 4 senior level mathematics (not business and commerce mathematics), and physical science at a senior level with credits in physics and chemistry.

Two-Year Diplomas
Architectural technician (majors in drafting and building practices).
Admission Requirements: OSSGD (year 4) and mathematics at the senior level (not business and commerce mathematics), and physical science at a senior level, including credits in physics.
Chemical engineering technician (options in industrial and polymer), civil engineering technician (majors in public works and surveying), electronics engineering technician, industrial instrumentation technician, industrial microbiology technician, mechanical engineering technician (majors in industrial and design drafting, mechanical design).
Admission Requirements: OSSGD (year 4) and mathematics at a senior level (not business and commerce mathematics), and physical science at a senior level including credits in chemistry and physics.

Transportation and Industrial Power Technology
Three-Year Diploma
Fluid power technology.
Admission Requirements: OSSGD (year 4) with mathematics and science at a senior level.

Two-Year Diploma
Automotive technician.
Admission Requirements: OSSGD (year 4). Applicants may be required to attend a personal suitability interview and will normally be expected to have a technical background.
Fluid power technician.
Admission Requirements: OSSGD (year 4) with mathematics and science at a senior level.
Motive power technician (option in heavy-duty diesel).
Admission Requirements: OSSGD (year 4) and English at a senior level with credits in senior level automotive, mathematics and physics.

One-Year Certificate
Aircraft maintenance technician.
Admission Requirements: OSSGD (year 4) and mathematics at a senior level.

Forty-Week Certificate
Avionics maintenance specialist
Admission Requirements: OSSGD (year 4) with credits in English, mathematics and physics.

Apprenticeship Programs.
Alignment and brake mechanic, auto body repairer, automotive machinist, automotive painter, boilermaker, fuel and electrical systems mechanic, heavy-duty equipment mechanic, motorcycle mechanic, motor vehicle mechanic, motor vehicle mechanic (truck/coach), service station attendant, transmission mechanic, truck-trailer repairer.

Pre-employment Programs
Automotive machinist, electric power production mechanic, fluid power and control mechanic, forklift mechanic, heavy-duty equipment mechanic, marine mechanic and small powered equipment, motorcycle mechanic, motor vehicle mechanic, parts merchandising, service station attendant, truck/coach mechanic, truck-trailer mechanic.

College Developmental Programs
Academic upgrading, college preparatory, commercial.

Continuing Education
This division offers a variety of credit and special interest courses on a part-time day or evening basis, either at the college or on the premises of schools, businesses or industrial firms.

Counselling Services
The college maintains two full-time Counselling Offices with qualified counsellors to provide students with confidential assistance in their personal problems.

Student Placement Service
The college operates a Job Placement Service to assist students in obtaining full-time employment on graduation and part-time employment while they are attending the college, as well as summer employment opportunities.

Student Accommodation
Accommodation for out-of-town students is not provided by the college. However, the Student Services Department attempts to assist students in obtaining off-campus accommodation by maintaining an up-to-date housing registry.

Leisure Education
The college's Leisure Education Department provides organized programs, intercollegiate athletics, intramural athletics, sports clubs and leisure education programs.

Student Awards
Centennial College students in financial need may apply for assistance from a variety of sources: Ontario Student Assistance Program, Canada Student Loans Plan, scholarships, bursaries and a revolving loan fund.

Further Inquiries
For further information on admission requirements and college facilities, please consult
Admissions and Records Office
Centennial College of Applied Arts and Technology
651 Warden Avenue
Scarborough, Ontario M1L 3Z6
Telephone (416) 694-3241

For further information and application forms for student awards, please consult
Student Awards Officer
Centennial College of Applied Arts and Technology
651 Warden Avenue
Scarborough, Ontario M1L 3Z6
Telephone (416) 694-3241

Conestoga College of Applied Arts and Technology

Kitchener

President: Kenneth E. Hunter

Conestoga College serves the exciting and rapidly growing communities in the counties of Perth, Wellington, Huron and Waterloo in southern Ontario.

Within this area, the college provides post-secondary educational opportunities and relates closely to the needs and desires of the community.

Conestoga College is unique in offering wood products technician, materials management and welding technician programs.

The college stresses the preparation of students for employment in their field, whether it be in business, health, technology, arts or services.

Conestoga College maintains campuses in Cambridge, Doon (Kitchener), Clinton, Guelph, Harriston, Stratford and Waterloo.

Part-time studies are offered at all centres. Post-secondary programs are offered at Guelph, Doon and Stratford. Manpower training programs are offered in all centres except Harriston. Apprenticeship programs are offered at Doon, Guelph and Waterloo.

Resources for Learning
The college provides a wide range of learning resources to complement and extend the opportunities for learning beyond classrooms, laboratories and shops. Library and audio-visual services are extensive. Provision is made for students to learn first hand in actual occupational situations.

Enrolment 1974-75
Post-secondary 1,400
Nursing 670
Continuing education 21,700
Retraining 1,400
Apprenticeship 100
Total 25,270

• Programs Offered

Applied Arts
Three-Year Diplomas
Design (3-D and graphic options), film, journalism, photography, radio and television arts.

Two-Year Diplomas
Consumer and family studies (community homemaker option, food option), criminology and law enforcement, early childhood education, general arts and science, recreation leadership, social services.
Admission Requirements: Ontario Secondary School Graduation Diploma with year 4 standing in English at the general or advanced level and three other senior credits at the general or advanced level.

Business
Three-Year Diplomas
Business administration (accounting major, data processing major, marketing major), materials management.

Two-Year Diplomas
Business accounting, general business (retailing major), secretarial arts (executive, legal, medical).
Admission Requirements: For business administration, general business, materials management—an OSSGD with year 4 standing in English at the general or advanced level, plus three other senior level credits at the general or advanced level. For secretarial—OSSGD with year 4 standing in English at the general or advanced level.

Technology
Three-Year Diplomas
Air and water resources engineering technology, civil engineering technology, construction engineering technology, electrical engineering technology, electronic engineering technology, mechanical engineering technology.

Two-Year Diplomas
Electrical engineering technician, electronic engineering technician, fluid power technician, mechanical drafting engineering technician, mechanical engineering technician, welding technician, wood products technician.
Admission Requirements: OSSGD with year 4 standing in English and mathematics and a senior level credit in physics and chemistry.

Health Sciences
Two-Year Diploma
Nursing.
The program leads to the award of a Diploma of Nursing and, upon successful completion of the examinations set by the College of Nurses, certification as a Registered Nurse. (See section on health sciences.)

Retraining
Conestoga College offers a number of certificate programs that vary in length from 12 to 48 weeks. Details of these programs are available from the college Registrar.

Apprenticeship
Electrical construction, machinist—tool and die, motor vehicle mechanic, plumbing, sheet metal.
Admission Requirements: Specified by the Manpower Training Branch, Ministry of Colleges and Universities.

Sports
The athletics program at the college allows participants to become involved in many different types of activities. Golf, chess, fencing, volleyball, bowling, skiing and curling are some of the programs designed to meet the recreational needs of the student.

Counselling Services
The college maintains a Counselling Centre with qualified counsellors to provide students with confidential assistance in their personal problems and in career planning.

Student Placement Services
A student placement service is available to assist students in obtaining employment on graduation and also in obtaining part-time employment.

Student Awards
Full-time students may be eligible for loan-grant assistance under the Ontario Student Assistance Program. Part-time students can apply for provincially guaranteed loans. For further information check with the college's Student Awards Office.

Living Accommodation
Residence accommodation is not available at the college. However, rooming and/or boarding facilities are readily available in the area.

Further Inquiries
For additional information, contact
Registrar
Conestoga College of Applied Arts and Technology
299 Doon Valley Drive
Kitchener, Ontario N2G 3W5
Telephone (519) 653-2511

Confederation College of Applied Arts and Technology

Thunder Bay

President: B. E. Curtis

Situated on a 175-acre campus in Thunder Bay and with numerous satellite locations throughout northwestern Ontario, Confederation College continues to expand its services.

Some 43 programs and options are available to post-secondary students. In addition, the Retraining Division offers in excess of 30 programs in Thunder Bay, Fort Frances, Kenora, and several other locations each year, meeting the interests of our population.

Enrolment 1975-76 (approximate)
Post-secondary 1,250
Continuing education 5,000
Retraining 2,150
Total 8,400

Resource Centre
The college's resource centre provides an efficient service to students, faculty and staff. Printed and audio-visual reference material pertaining to all programs is available.

General Admission Requirements
One or more of the following may be required by applicants to full-time post-secondary programs or extension subjects:
(1) Ontario Secondary School Graduation Diploma or equivalent, with year 4 English. Mature student—19 years of age on or before September 1 of the current academic year (may include mature student testing)
(2) Personal interview
(3) Letters of reference and supplemental application form
(4) Year 4 mathematics
(5) 40 wpm typing
(6) 80 wpm symbol shorthand
(7) Year 4 electrical or year 4 electronics or year 5 physics or summer college preparatory program
(8) Year 3 physics.

Admission requirement code numbers are shown after program names. Example: Early childhood education (1,2,3)—(1) OSSGD with year 4 English or mature student admission; (2) personal interview; (3) letters of reference and supplemental admission form.

• **Programs Offered**

Applied Arts and Health Sciences
Three-Year Diploma
Radio and television arts (radio option, television option).
Admission Requirement: Successful completion of two-year diploma requirements.

Two-Year Diplomas
Early childhood education (1,2,3); general arts and science (1) with options in arts cluster, business cluster, film production, technology cluster, theatre arts; law and security (1); mental retardation counsellor (1,2,3); nursing (1,2,3) with two different credits in senior division—recommended sciences are biology, chemistry, physics and two senior division English credits (see health sciences section); radio/television arts (1); recreational leadership (1,2,3); social services (1,2,3).

One-Year Certificate
Law and security (1).

Business
Three-Year Diplomas
Business data processing, hotel resort restaurant administration, industrial relations.
Admission Requirement: Successful completion of two-year diploma requirements.

Two-Year Diplomas
Aviation management (1) and a medical examination; business data processing systems (1,4); executive, legal, medical secretarial (secretarial arts certificate programs); food and lodging administration (1); general business (1) with options in accounting management, administrative management, marketing and sales management; industrial relations—personnel (1); travel-tourism administration (1).

One-Year Certificates
Executive secretarial (1,5,6); legal secretarial (1,5,6); medical secretarial (1,5), secretarial arts (1).

Technology
Three-Year Diplomas
Architectural engineering technology (successful completion of two-year architectural engineering technician program); civil engineering technology (1,4) with year 3 physics and year 4 chemistry—70% average if subjects taken at level 4, 60% at level 5. Direct entry will be given to the second year of the program for students with an Ontario Secondary Honour Graduation Diploma which includes English, mathematics "A", "B" and "C", physics and chemistry.

Two-Year Diplomas
Aircraft maintenance technician (1,4); architectural engineering technician (1,4); audio-visual equipment technician (1,4,7); avionics maintenance technician (1,4,8); electrical technician (1,4,7); electronics technician(1,4,7); mechanical engineering technician (1,4); radiological technician (under revision, please contact college); survey technician (1,4).

One-Year Certificates
Dental assistant (1,2); helicopter maintenance (1,4) with six-week equipment familiarization segment.

Apprenticeship
Carpentry, electrical.

Retraining
The Retraining Division offers upgrading courses to the year 4 equivalency level. Clerical and stenographic courses and English as a second language are also offered, plus a number of skill programs such as: Cutter and skidder, electronics—home entertainment, heavy-duty equipment mechanic, hosptial orderly, marine and small powered equipment mechanic, nurse's aide, welder fitter.

Counselling Services
The college maintains a full-time counselling centre with qualified counsellors to provide students with confidential assistance in solving their personal problems.

Student Placement Services
A full-time Student Placement Officer is available to assist students in obtaining employment upon graduation and in obtaining part-time employment.

Student Assistance and Financial Aid
The Financial Aids Office is open twelve months of the year to assist students with their financial problems. Full-time students may be eligible for loan-grant assistance under the Ontario Student Assistance Program. Part-time students can apply for provincially guaranteed loans. For further details see the introductory section on financial assistance for students.

Living Accommodation
Residence accommodation is not available at the college. However, rooming and/or boarding facilities are readily available in the area.

Further Inquiries
For further information an admission requirements and details about programs and facilities, please contact
Mr. Joseph A. St. Amand,
Admissions Officer
Mr. T. B. Todd, Placement and
Awards Officer
Mrs. Christina Torrie, Awards and
Financial Aids Officer
Confederation College of Applied Arts
and Technology
P.O. Box 398
Postal Station F
Thunder Bay, Ontario P7C 4W1
Telephone (807) 577-5751

Durham College of Applied Arts and Technology

Oshawa

President: G. E. Willey

Durham College is located just outside the northerly city limits of the city of Oshawa. The modern campus offers attractive rural surroundings set on 132 acres overlooking a proposed conservation area and lake.

Durham College occupies a modern three-storey building with excellent resources for academic study and practical learning.

Durham emphasizes the relationship between student and teacher with an interpersonal approach to all learning. Courses are designed to prepare the student for employment. Durham College offers the following unique programs: Air transport technology (three years), legal office administration (three years), industrial administration (three years), sports and entertainment administration (two years with third year optional). In addition, continuing education and academic upgrading programs are offered throughout the year.

Enrolment 1974-75
Full-time 960
Continuing education 4,820
Adult education 451
Total 6,231

• **Programs Offered**

Applied Arts
Two-Year Diplomas (with optional third year).
Administrative arts (public or personnel administration, sports and entertainment administration), communications/graphics/design arts (advertising, design arts, graphic communications, journalism/public relations), design arts (option in industrial and interior design or graphics).
Admission Requirements: Ontario Secondary School Graduation Diploma or equivalent. Year 4 English recommended. Year 4 mathematics also recommended for administrative arts and design arts.

Business
Three-Year Diplomas
Business administration (data processing, finance and accounting, general, industrial administration, marketing), legal office administration, secretarial science.
Admission Requirements: OSSGD. Year 4 mathematics and English recommended. Students wishing to take the three-year program should be aware that it is considerably more demanding in academic terms (particularly in mathematics) than the two-year program.

Two-Year Diploma
General business (data processing, finance and accounting, general, marketing).
Admission Requirements: OSSGD from any general or advanced course, preferably with year 4 English and mathematics.

One-Year Certificates
Business, engineering, and legal, medical, or general secretarial.

Two-Year Diploma, One-Year Certificate
Secretarial science.
Admission Requirement: OSSGD from any general or advanced course. Year 4 English is preferred.

Engineering Technology
Three-Year Diplomas
Air transport, chemical, computer, electronic and mechanical technology.
Admission Requirements: OSSGD. Applicants interested in the three-year engineering technology programs should be aware that these are more demanding than the two-year programs. It is recommended that those contemplating a three-year technology program have English, physics, chemistry and, especially, year 4 mathematics.
Subjects such as biology, computer science, drafting, electronics, environmental studies, technical report writing, etc., may also provide an adequate background.
Applicants who have year 5 credits in English, physics, chemistry, algebra and either calculus or functions and relations will be considered for direct entry into the second year of this program.

Two-Year Diplomas
Civil, computer, electronic and mechanical.
Admission Requirements: OSSGD. Mathematics would be an advantage to students entering these programs. Students who have taken electrical/electronic subjects or mechanical/drafting subjects in any year of high school will find these studies a decided asset in the appropriate two-year program. However, a general academic background, coupled with a strong desire to succeed in the technical field of your choice, can be an even greater asset.

One-Year Certificate
Applied machine shop welding. A 40-week program of intensive theory and practice. If students prefer, they may continue their studies in the second year of the mechanical techniques program and obtain a diploma.
Admission Requirement: OSSGD.

Life Science
Three-Year Diplomas
Food and drug technology.
This program trains people to work in the food and drug industry where they will help maintain a high calibre of production standards, as established by government regulations. Graduates of this program will find themselves responsible positions which offer excellent remuneration and working conditions.
Admission Requirements: OSSGD, preferably with credits in biology, chemistry and mathematics.
Medical Lab Technology.
Durham College is offering the first year of this three-year program. Successful students will, upon acceptance, complete the second year of the program at the Toronto Institute of Medical Technology, 222 St. Patrick Street, Toronto. The third year of the program will be primarily clinical with supervised teaching laboratory experience being given in local hospital laboratories.

The first year of this program is common to the food and drug technology program. Consequently, the students in either food and drug technology or medical lab technology have one year in which to make the decision on their future career. Only a limited number of applicants can be accepted for medical lab technology because of the restricted enrolment at the Toronto Insititue of Medical Technology. Students wishing to attend the institute will be interviewed before being accepted.
Admission Requirements: OSSGD, preferably with credits in biology, chemistry and mathematics.

One-Year Program
Dental Assistant.
This program is designed to prepare skilled assistants for employment in dental offices and clinics. After serving a one-year in-service training period in a dental office, graduates of this program will be eligible for certification by the Royal College of Dental Surgeons.
Admission Requirements: OSSGD. A personal interview is required for all selected applicants.

Adult Training
Durham College offers academic upgrading, college preparatory and skill courses as well as special courses for business and industry.

Health Services
Nursing.
The two-year program leads to a Diploma of Nursing and, upon successful completion of the examinations set by the College of Nurses, certification as a Registered Nurse. (See health sciences section.)
Admission Requirements: OSSGD, with successful completion of one full year of study in each of two different credit courses in science. Acceptable sciences are chemistry and one of physics or biology.

Nursing Assistant.
The program leads to a Nursing Assistant Certificate and, upon successful completion of the examinations set by the College of Nurses, certification as a Registered Nursing Assistant.
Admission Requirements: OSSGD. Mature students whose work experience and personal background indicate a likelihood of success are encouraged to apply.

Continuing Education
Classes are offered to adults in the community who wish to work toward certificates or diplomas during the day or evening, throughout the year. In addition, an interesting variety of non-credit, special-interest courses are also offered.

Summer Programs
Durham's spring-summer program offers continuing education courses in such fields as business law, business organization, business mathematics and statistics, introductory data processing, economics, marketing, programming 1, advertising and sales promotion, systems and procedures, management strategies and computer science. Courses are also offered in nursing administration, human resources management and secretarial development, as well as a number of general-interest courses.

Student Placement Services
A full-time Student Placement Officer is available to assist students in obtaining employment upon graduation and in obtaining part-time employment.

Student Awards
Some bursaries and scholarships are available through the college. Full-time students may also be eligibile for loan-grant assistance under the Ontario Student Assistance Program. Part-time students can apply for provincially guaranteed loans and bursaries. For further information see the introductory section on financial assistance to students and check with the college's Student Awards Office.

Living Accommodation
Residence is not available on campus. The college maintains a list of clean, comfortable lodgings available in the community. Average cost of room and board is $28-35 per week.

Further Information
For further information about admission requirements and details about programs and facilities, please contact
Admissions Officer
Durham College of Applied Arts and Technology
Simcoe Street North
Oshawa, Ontario L1H 7L7

For information about student awards and loans, please contact
Student Awards Officer
Durham College of Applied Arts and Technology
Simcoe Street North
Oshawa, Ontario L1H 7L7

Telephone: (416) 576-0210

Fanshawe College of Applied Arts and Technology

London

President: J. A. Colvin

Fanshawe College serves the four counties of Middlesex, Elgin, Oxford and Norfolk. Within this area, the college provides post-secondary educational opportunities and relates closely to the needs and desires of the community.

The Fanshawe College main campus is located on a 15-acre site in the northeast section of London. Continuing education programs are offered in London and in other locations where local schools and other existing community facilities are utilized. The college is also responsible for the adult training programs at locations in London and St. Thomas.

Fanshawe enrolled its first students in September 1967. From an initial registration of 800 full-time students, enrolment had grown to 4,700 full-time students in 1974. In addition there are 24,500 students registered in continuing education programs, 2,200 students in the adult training programs and 1,100 students in apprenticeship programs.

Enrolment 1974-75
Full-time 4,700
Continuing education 24,500
Adult training 2,200
Apprenticeship 1,100
Total 32,500

Library
The college library contains over 26,000 volumes, in addition to an up-to-date supply of magazines, periodicals and other reference materials.

Campus Locations
In addition to the main campus in London, Fanshawe College maintains branches in Woodstock and Simcoe which offer full-time and part-time courses. Nursing education programs are also located at London, St. Thomas and Woodstock.

General Admission Requirements
The general admission requirement is an Ontario Secondary School Graduation Diploma or equivalent, with modification for certain programs. Applications based on equivalent standing from other provinces or countries will be considered. Applications from mature students at least 19 years of age with marginal qualifications will be considered individually.

• Programs Offered

Applied Arts
Three-Year Programs
Cinematography, creative electronics, environmental art, fine art, graphic design, industrial design, industrial design (fashion), interior design, interior design (decoration), landscape design, photography, printmaking, print production, radio and television arts, urban design.

Two-Year Programs
Audio-visual technician, broadcast journalism, hotel restaurant and catering management, photography, radio and television arts.

Arts and Science
Three-Year Program
Science laboratory technology (co-op).

Two-Year Programs
Early childhood teacher education, environmental engineering technician (co-op), general arts and science program, law and security administration, legal office administration (co-op), library technician, mathematics diploma program, recreation leadership, tourism and travel counsellor, urban affairs, real estate.

One-Year Program
Legal office administration.

Business
Three-Year Programs
Business administration, business information systems (co-op), professional secretarial.

Two-Year Programs
Accounting (co-op), business data processing (co-op), butchering, educational secretarial, executive secretarial, farm business management, general business (co-op), legal secretarial, marketing (co-op), meat processing and abattoir operation, medical secretarial.

One-Year Programs
Office administration, secretarial arts.

Health and Welfare
Three-Year Program
Medical laboratory technology.

Two-Year Programs
Behavioural sciences, child care worker, diploma nursing (see health sciences section), mental retardation counsellor, radiological technology, respiratory technology, social service worker.

One-Year Programs
Dental assisting, general arts and science (basic science option), health care aide/hospital orderly, health records technician, nursing assistant.

Technology
Three-Year Programs
Architectural technology (co-op), civil engineering technology (co-op), construction technology (co-op), control systems technology, electrical engineering technology, electronics engineering technology, heating, manufacturing engineering technology (co-op), mechanical engineering technology (mobile equipment), refrigeration and air conditioning engineering technology, survey technology.

Two-Year Programs
Architectural technician, civil engineering technician, construction technician, electrical engineering technician (co-op available), electronics engineering technician, maintenance engineering technician (co-op), manufacturing engineering technician, mechanical engineering technician (mobile equipment), motive power technician (co-op available), refrigeration and air conditioning engineering technician, survey technician.

One-Year Programs
Biomedical electronics (post-graduate), broadcast technician (post-graduate), motive power management technician, motive power parts technician.

Co-operative Education
Several Fanshawe programs are operated on the co-operative education plan. This plan integrates related on-the-job work experience with classroom theory during alternating periods of work and study. Such a system helps students orient themselves to the world of work and earn while learning, helps them develop their human relations skills and job-search techniques, and usually results in a well developed career plan before graduation. Further information is available from the Co-operative Education Department at the college.

Community Services
Community Services offers a community-oriented program and provides continuing education for adults in London and in 22 other locations served by the college. Credit, special interest and co-operative courses are offered. The regular Fanshawe College diplomas, as awarded to full-time students, can be obtained through the Community Services continuing education program. In addition, Community Services is responsible for the adult training program.

Adult Training Division
Through its Adult Education Centres, the adult training program offers academic upgrading courses and skill training courses to adults who have not had the opportunity to reach their full employment potential.

Adult training information is available at
170 Dundas Street East
London, Ontario N6A 1G9
Telephone (519) 438-5181

297 Adelaide Street South
London, Ontario N5Z 3K7
Telephone (519) 433-6611

10 Ontario Road
St. Thomas, Ontario N5P 3N4
Telephone (519) 633-2030

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Apprenticeship Programs
Apprentices (within trades regulated by the Manpower Training Branch of the Ontario Ministry of Colleges and Universities) can be directed to Fanshawe College for part of their training. Apprentice students receive a combination of on-the-job and in-college training. The length and frequency of in-college sessions will vary but, for most of the trades, the college program is divided into a basic session of eight weeks with subsequent intermediate and advanced sessions of seven weeks each.

Fanshawe College provides courses for the following apprenticeship trades: Auto body repair, electrical (construction and maintenance), hairdressing, machinist, motor vehicle mechanic, plumbing, sheet metal, tool and die.

Entry to these apprenticeship classes is restricted to those apprentices directed to the college by the Manpower Training Branch of the Ontario Ministry of Colleges and Universities.

Inquiries regarding apprenticeship programs should be sent to the nearest Manpower Training Branch District Office or the Manpower Training Branch, Ministry of Colleges and Universities, Mowat Block, 10th Floor, Queen's Park, Toronto, Ontario M7A 2B5.

Student Housing
The college does not offer its students accommodation in college residences. It does, however, provide a registry through which students obtain accommodation in homes and apartment buildings in the city of London. Inquiries should be addressed to the Off-Campus Housing Service, located in the Student Services Office.

Counselling Service
Students are invited to discuss their academic, career or personal concerns with one of the college counsellors. Students may also find the answers to some of their questions in the discussion groups led by counsellors. A career counselling-testing program is offered free of charge to students who need assistance in determining their vocational goals.

Student Placement Service
The college operates a Student Placement Service on a year-round basis. The functions of the placement office include liaison with employers, on-campus recruiting by employers, career counselling, labour market information (including a Job Information Centre), job search advice, assistance in finding summer employment for undergraduates and placement assistance to alumni. A file is maintained in the placement office for each graduating student. Students interested in assistance in finding employment work with the personnel in the placement office during their final college year.

An on-campus recruiting program is conducted from January through April when employers visit the college to interview students. Interviews are also arranged at the employers' premises. Assistance is available to undergraduates who are seeking summer employment.

Financial Aid
Full-time students may be eligible for loan-grant assistance under the Ontario Student Assistance Program. Information folders are available from secondary school guidance offices and application forms can be obtained from the college's Financial Aids Office.

Information covering awards, bursaries, scholarships and other forms of financial assistance is also available at the Financial Aids Office.

Athletic Program
Fanshawe College participates in and is a full member of the Ontario Colleges Athletic Association. The major sports program includes volleyball, basketball and hockey for men; and volleyball and basketball for women. Other varsity sports include golf, cross-country, tennis, badminton, curling, table tennis, judo and ten-pin bowling, many of which are co-recreational activities. The Varsity Sports Program is subsidized by the Student Union budget. All students are eligible to participate in the Varsity Program.

Information
Further information may be obtained by writing to
Fanshawe College
P.O. Box 4005, Terminal C
London, Ontario N5W 5H1
Telephone (519) 451-7270

or by contacting offices of the college at any of the following Fanshawe College locations
1460 Oxford Street East
London, Ontario N5V 1W4
Telephone (519) 451-7270

486 Dundas Street
Woodstock, Ontario N4S 1C3
Telephone (519) 537-6051

56 Norfolk North
Simcoe, Ontario N3Y 2W1
Telephone (519) 428-0580

George Brown College of Applied Arts and Technology

Toronto

President: Clifford C. Lloyd

George Brown College of Applied Arts and Technology was founded in 1968 to serve the education needs of the city of Toronto. From the outset its primary objective has been to train people for employment.

The men and women of today are facing challenges unheard of by previous generations. This college offers to these people training for occupational mobility. Courses are up-to-date with the application of new materials, new techniques and new developments within each vocation. The college operates nine campuses, five of which are nursing campuses, and offers nearly 200 programs to prospective students.

Enrolment
The college operates a wide variety of programs of varying lengths and in some cases on a two-shift basis. Many programs have a continuous intake and output with students and classes enrolling and graduating weekly. In addition there are large numbers of part-time students taking courses which start and stop several times throughout the year. In the current school year the number of students registered in the college will be in excess of 40,000.

The following figures represent typical enrolment at any point during 1974-75.
Full-time students:
Post-secondary 2,814
Retraining 2,921
Apprenticeship 621

Library
A library is located at each campus. The aim of the library is to provide a carefully chosen collection of material related to the growing range and complexity of college programs. Such materials include a selection of books, periodicals and reference journals, as well as magazines for browsing.

Students are encouraged to use the up-to-date vertical file which contains pamphlets and clippings on a variety of subjects of interest to students.

Each library is equipped with a photocopier to provide students with a means of reproducing materials needed.

Orientation tours and instructions on the use of the library's facilities and the services available are a part of the program to invite students to browse the book shelves, relax, or to study in a pleasant atmosphere.

Each library is staffed by library technicians with a professional librarian responsible for the administration and implementation of library policies.

Campus Locations
Casa Loma Campus
160 Kendal Avenue
Principal, B. Beetles

College Street Campus
507 College Street
Principal, R. Santin

Kensington Campus
21 Nassau Street
Principal, R. Gwilliam

Teraulay Campus
51 Teraulay Street
Principal, W. Frye

General Requirements for Admission
Except where otherwise noted, the minimum requirement for entry into post-secondary programs is an Ontario Secondary School Graduation Diploma or equivalent.

Admission requirements for adult training programs vary with the program; many programs require less than year 4 of secondary school.

A student 19 years of age or over with the necessary prerequisites may be admitted as a mature student into any program.

• **Programs Offered**

Applied Arts
Three-Year Diploma
Dental technician.
Admission Requirements: OSSGD or equivalent, with chemistry and physics; candidates must successfully complete a manual dexterity test.

Two-Year Diplomas
Addiction counsellor.
Admission Requirements: OSSGD or equivalent; generally restricted to older students with volunteer welfare experience; students are selected by group interview.
Child care worker.
Admission Requirements: OSSGD or equivalent; minimum age 18; mature personality; preferably experienced with groups of children; personal interview.
Community worker.
Admission Requirements: OSSGD or equivalent; extensive life experience; belief in involvement of people in decision-making process; commitment to social change; personal maturity; previous community work experience an advantage.
Day care worker.
Admission Requirements: OSSGD or equivalent; mature personality; preferably experienced with young children; personal interview.
Denture therapy.
Admission Requirements: OSSGD or equivalent, with chemistry and physics; biology is an asset; manual skill and good command of English.

One-Year Program
Dental assistant.
Admission Requirements: OSSGD or equivalent with English, mathematics and one science, typing 30 wpm; manual skill; personal interview.

Short Program
Nursery aide.

Architectural Technology
Three-Year Diploma
Survey technologist (three-year program in two years).
Admission Requirements: OSSGD or equivalent, with above average achievement in mathematics and science.

Two-Year Diplomas
Air conditioning technician, civil engineering technician, concrete technician, construction technician, drafting technician (architectural, general, mechanical services, structural), and survey technician.

Shorter Programs
Appliance servicing, blueprint reading, drafting, drafting refresher, dry wall taper, general carpentry, heating technician, masonry, natural gas serviceman, oil burner servicing, painting and decorating, refrigeration and air conditioning, residential metal siding installer, and stationary engineering.

Business and Commerce
Three-Year Diploma (5 semesters)
Business administration.
Admission Requirements: OSSGD or equivalent. To qualify for admission to the fifth semester, a candidate must complete a two-year program in business (accounting, data processing, general business, marketing or physical distribution) taken at George Brown College with acceptably high standing in the fourth semester. The fifth semester program provides a senior management overview of the business enterprise.

Two-Year Diplomas
Business (specialization in accounting, data processing, general business, marketing or physical distribution). Starting dates are in September and February. Successful graduates may qualify for the fifth semester program in business administration.
Admission Requirements: OSSGD or equivalent.
Secretarial science (general, legal, medical, and no-shorthand).
Students with an OSSGD, 45 wpm typing and 80 wpm shorthand may directly enter the third semester.

One-Year Diplomas
Court reporting.
Admission Requirements: Successful completion of a recognized legal secretarial science program or related business experience plus typing at 60 wpm and shorthand at 130 wpm.
Sales.

Shorter Programs
Business machines, business machines and bookkeeping, clerk-typist, commercial accountancy, commercial clerical, commercial dicta-typist, commercial refresher, commercial stenographic, inventory control-warehouseman, keypunch, stenographic refresher, typing refresher.

Electrical-Electronics
Three-Year Diplomas
Electrical technologist (three-year program in two years), electronics technologist (three-year program in two years).
Admission Requirements: OSSGD or equivalent, with year 4 mathematics and English.

Two-Year Diplomas
Acoustics technician, design technician-electrical, electrical technician, electronics technician.
Admission Requirements: OSSGD or equivalent, with year 4 mathematics, science and English.

Shorter Programs
Colour television, electronics general.

Engineering Technology
Three-Year Diplomas
Industrial instrumentation technologist (three-year program in two years), orthotic-prosthetic techniques (third year optional).
Admission Requirements: OSSGD or equivalent, with year 4 mathematics and physics.
Watchmaking (third year optional).

Two-Year Diplomas
Coatings technician, industrial instrumentation technician, materials handling design, mechanical drafting design technician, plastics technician "A", plastics technician "C", precision instrument techniques, process piping design, tool and die design, toolmaking technician.

One-Year Diplomas
Plastics technician "B", welding specialist.

Shorter Programs
Blueprint reading for welders, business equipment servicing, industrial instrumentation mechanic, lathe operator, machine shop practice, mechanical engineering drafting, thermoplastic operator (forming and fabricating), thermoplastic set-up man (machine moulding), thermoset operator (hand lay-up), thermoset operator (machine moulding), welder fitter, welder fitter refresher, welding operator.

Fashion Technology
Three-Year Diplomas
Apparel management (third year optional).
Admission Requirements: OSSGD or equivalent, with mathematics; spatial conception, digital and dexterity tests; instructor's evaluation.
Creative fashion design (third year optional).
Admission Requirements: OSSGD or equivalent, instructor's evaluation, sewing training and aptitude.
Jewelry arts (third year optional).
Admission Requirements: OSSGD or equivalent (preference for those with art options), mature student with demonstrated interest and/or ability.

Two-Year Diploma
Furniture production and design.

Shorter Programs
Apparel pattern drafting and styling; custom dressmaking and alterations; fur, leather and suede; furniture refinishing and repair; furniture upholstery and repair; hairstyling for barbers; industrial power sewing.

Food Technology
Three-Year Diploma
Food processing technology.
Admission Requirements: OSSGD or equivalent, with minimum standing of 60% in physics, chemistry, mathematics and English.

Two-Year Diplomas
Food administration.
Admission Requirements: OSSGD or equivalent; or Journeyman Chef Certificate with 2nd class honours.
Hotel-motel administration, property management—residential.

Shorter Programs
Baking pre-employment, bartending, chef training pre-employment, cook training, dining room service, hotel front office and reception, retail meat cutting.

Graphic Arts
Three-Year Diploma
Graphic arts (printing technician).
Admission Requirements: OSSGD or equivalent; or Ontario year 2 with success in high school printing course of year 3 or year 4; or industrial experience.

Two-Year Diploma
Graphic design technician.
Admission Requirements: OSSGD or equivalent; mature students over 19 years of age may be accepted with lower academic qualifications; all must submit a portfolio of five to ten samples and pass an art test before being approved.

Shorter Programs
Commercial art, film imposition and printing surface preparation for typographers, offset printing, offset printing for letterpressmen, photo-composition and paste-up assembly for typographers, photo reproduction for typographers, screen printing, sign writing.

Nursing
Two-Year Diploma
Nursing. (See health sciences section.)
Admission Rquirements: OSSGD or equivalent, with two credits in science (physics, chemistry, or biology) of the senior division; personal interview.

Shorter Programs
Graduate nurse upgrading, registered nurse critical care, registered nurse operating room.

Physical Education
Two-Year Diploma
Fitness instructor.
Admission Requirements: OSSGD or equivalent, with mathematics and English at the senior level.

Other Skill Programs
Commercial vehicle driving, tractor-trailer driver, English as a second language.

Apprenticeship Programs (two to five years)
Air conditioning and refrigeration worker, baker, barber, brick and stone mason, carpenter, cement mason, chef, electrician (construction and maintenance), electronics mechanic (industrial control), glazier and metal mechanic, hairdresser, ironworker (must be at least 17 years of age), lather, machinist, millwright, painter and decorator, plasterer, plumber, radio and TV service technician, retail meat cutter, sheet metal worker, sprinkler and fire protection installer, steamfitter, structural steel draftsman, toolmaker, watch repairer.

Part-Time Courses
The college offers several hundred part-time courses not only in the evening but, in many cases, during the day. They are designed to cater to the individual student by providing part-time instruction at hours that are convenient to him or her.
A part-time course calendar is available on request from the college.

Counselling Services
Counselling services are provided on each campus. Professional counsellors are available at any time during school hours to meet with any student on a voluntary basis. They are competent to provide educational, vocational or personal counselling. Discussions are informal, confidential and supportive of the student. For further information contact the Counselling Centre at any campus, or telephone (416) 967-1212.

Health Centre
A Health Centre is located on each campus, staffed by registered nurses, with a physician available for consultation on an appointment basis. Students are requested to complete a health history form, and medical examinations are required for admission to some programs.

Financial Assistance
Financial assistance under the terms of the Ontario Student Assistance Program or the Canada Student Loans Plan can be provided to full-time students on the basis of need and residence qualifications. Part-time students can apply for provincial bursaries or loans. See introductory section on financial assistance. Application forms for student financial assistance are available from Student Services, telephone (416) 967-1212.

Living Accommodation
Information on living accommodation is available by dialing (416) 967-1212. Although residence accommodation is not provided by the college, there is no shortage of rooming facilities in Toronto; rates vary from $25 to $35 per week for a room.

Placement
Placement in employment is promoted by arranging interviews with prospective employers. The college staff is ready at all times to assist the graduating student in assembling career information, preparing for an interview, and arriving at decisions. It should be noted, however, that George Brown College does not guarantee placement in a position.

Athletics
Athletics is a program in which every student is eligible to participate. The Athletic Director operates an intramural program of interclass competitions involving touch football, floor hockey, basketball, pushball, baseball, etc. The college, as a member of the Ontario Colleges Athletic Association, competes in various intercollege sports, such as basketball and soccer.

Further Inquiries
Additional information is available by writing to the college at P.O. Box 1015, Station B, Toronto, Ontario M5T 2T9, or by telephoning (416) 967-1212 and asking for "Information."

Georgian College of Applied Arts and Technology

Barrie

President: R. P. Crawford

Georgian College serves the Georgian Bay region with its developing industrial communities and its pleasant recreational areas. Consequently, the college is interested both in the expansion of technological facilities and in preserving the ecological balances of nature. It offers unique programs in resort and hotel administration, including such courses as leisure activities and recreation, and resources technology where considerable emphasis is given to understanding the environment in which we live.

In addition to the main campus in Barrie, Georgian College has branch operations at Orillia, Owen Sound and Penetanguishene. Georgian College Nursing Schools are located at Barrie, Orillia and Owen Sound.

Continuing education programs are offered at Barrie, Orillia, Owen Sound, and 32 other locations throughout the Georgian Bay region.

The Owen Sound Campus emphasizes marine technology. The Orillia Campus is the centre for allied health programs. An optical lens grinding school is located at Penetanguishene.

Canada Manpower retraining programs are available at all four campus locations.

Library
The library at the main campus contains about 30,000 volumes. Smaller library facilities are available at Owen Sound and Orillia.

Enrolment 1974-75
Full-time post-secondary 1,458
Continuing education, retraining, TIBI, and MDP 15,000
Total 16,458

• Programs Offered

Applied Arts
Three-Year Diplomas
Design arts (optional—ceramics and glass, creative arts, graphic design, industrial design, interior design, metal, plastics, textiles and weaving, wood), general arts and science (optional), hotel and resort administration (co-operative, optional).
Admission Requirements: Graduates of the two-year programs at Georgian College may enter the optional third year, providing they have a minimum average of 65%. Secondary school graduates of the advanced level with a 60% average may also enter the three-year programs.

Two-Year Diplomas
Communication arts, design arts (ceramics and glass, creative arts, graphic design, industrial design, interior design, metal, plastics, textiles and weaving, wood), fashion promotion, general arts and science, law and security administration, residential counsellor (mental retardation), resort and hotel operation (co-operative).
Admission Requirements: Ontario Secondary School Graduation Diploma. The admission requirement for communication arts is a graduation certificate from Georgian College in either advertising procedures or media procedures.

One-Year Certificates
Advertising procedures, media procedures.
Admission Requirement: OSSGD.

Business
Three-Year Diploma
Business administration (marketing option in second and third year).
Admission Requirements: OSSGD with an average of 60% at the advanced level and standing in English and four other options.

Two-Year Diplomas
General business (second year options in accounting and marketing), legal secretarial, medical secretarial, secretarial arts.
Admission Requirements: OSSGD. An OSSHGD with good shorthand and typing, or the General Secretarial Certificate from Georgian College is required for secretarial courses.

One-Year Certificates
General secretarial, retail merchandising.
Admission Requirement: OSSGD.

Technology
Three-Year Diplomas
Civil technology (third year option—municipal roads and services), electronic technology, materials technology, mechanical technology, resources technology. Marine engineering technology and marine navigation technology are available at the Owen Sound Campus only.
Admission Requirements: OSSGD with a 60% average and standing in chemistry, English, mathematics and physics.

Two-Year Diplomas
Civil engineering technician, electrical technician, electronic technician, industrial technician, mechanical drafting technician, mechanical engineering technician, survey technician (co-operative).
Admission Requirements: OSSGD with standing in English, mathematics and physics.

Health Sciences
Two-Year Diploma
Nursing.
Georgian College offers the diploma program in nursing at Barrie, Orillia and Owen Sound. On successful completion of the program, graduates may write the examinations set by the College of Nurses for certification as a Registered Nurse. (See health sciences section.)
Admission Requirements: OSSGD with an average of 60% at the advanced level and two sciences from years 3 and 4. Biology is preferred as one of these two.

One-Year Certificate
Dental assistant (offered at the Orillia Campus only).
Admission Requirement: OSSGD.

Shorter Programs
Health care aide, nursing assistant (offered at various locations in the Georgian Bay region).
Admission Requirements: Health care aide —grade 8. Nursing assistant—year 2.

Extension Services
Classes are offered to adults during the day and in the evening in about 32 locations throughout the Georgian Bay region. The offerings cover allied health subjects, applied arts, business, and technology, as well as courses of general interest. Approximately 150 subjects are now available. Interested candidates should write to the Extension Services Division of Georgian College.

Summer School of the Arts
Georgian College operates a Summer School of the Arts, concentrating on leisure activities during the period from the first of July each year until the third week in August. Courses such as ceramics, fitness activities, painting, piano lessons, sailing and weaving are available to all age groups in Barrie, Owen Sound and Orillia, and in about 20 other locations throughout the Georgian Bay region. Included also are live theatrical performances by the Georgian Foundation for the Performing Arts in the new theatre/auditorium located on the main campus in Barrie. Information about the summer school may be obtained from the Director, Summer School of the Arts, 401 Duckworth Street, Barrie, Ontario L4M 3X9.

Counselling Services
The college has a counselling service to assist applicants in course selection and placement. Although Georgian College does not have a full-time psychologist on staff, it makes referrals to agencies in the community who co-operate with the college in the counselling service.

Student Placement Service
A full-time Placement Officer is located on campus, together with the Director of Co-operative Education. They help students to find employment during the college year and upon graduation.

Student Assistance
There is an Awards Officer on the campus to assist students in obtaining loan-grant aid through the Ontario Student Assistance Program. For further details see the introductory section on financial assistance to students.

Living Accommodation
There are no residences on campus. Georgian College students secure room and board in the local communities. Information is available through the Housing Offices.

Further Inquiries
Additional information is available from
D. R. McKillican
Dean of College Services and Registrar

C. C. Gaskin
Admissions Officer

W. T. Egan
Student Awards Officer

Georgian College of Applied Arts and Technology
401 Duckworth Street
Barrie, Ontario L4M 3X9
Telephone (705) 728-1951

Information concerning the Owen Sound Campus may be secured from
R. G. Cameron
Admissions Officer
8th Street East
Owen Sound, Ontario N4K 5R4
Telephone (519) 376-0682

Information about the allied health programs may be obtained from
Mrs. R. Slinn
Nursing Registrar
43 Colborne Street East
Orillia, Ontario L3V 6K7
Telephone (705) 325-2705

Humber College of Applied Arts and Technology

Toronto

President: Gordon Wragg

In September 1967, Humber College was established at the former James S. Bell Public School on Lakeshore Boulevard. Since then our enrolment has grown from 500 to over 4,600 post-secondary, 5,000 retraining and more than 45,000 part-time students.

Humber's nine teaching campuses are located in Etobicoke and York, with the main campus (North Campus) presently providing educational facilities for more than 5,000 full-time day students. The North Campus long-range development plans will accommodate an increasing enrolment to some 9,000 daytime students by 1979. In September 1973, the Quo Vadis School of Nursing and the Osler School of Nursing became part of Humber College.

Humber offers some 110 day programs in six divisional areas: Applied arts, creative and human studies, business, health sciences, technology, and retraining and apprenticeship.

The Centre for Continuous Learning offers more than 1,000 special-interest and credit programs for part-time study in the fall, winter and spring semesters.

The philosophy of Humber College is one of pragmatism and flexibility toward the needs of the community. At Humber, people are also given the opportunity of challenge for creative development.

Enrolment 1974-75
Day programs 9,600
Extension division 45,000
Total 54,600

General Admission Requirements
Ontario Secondary School Graduation Diploma or equivalent. Mature students 19 years of age or over. Upgrading programs are available on an individual learning basis.

Applicants to Nursing Diploma programs must also have two credits in science at the senior level.

North Campus
Humber College Boulevard
(5,050 day students)

- **Programs Offered**

Applied Arts
Six-Semester Diplomas
Community studies, fashion careers and landscape technology.

Five-Semester Diploma
Early childhood education for the developmentally handicapped.

Four-Semester Diplomas
Child care worker, early childhood education, family and consumer studies, fashion careers, horsemanship, landscape technician, law enforcement, recreation leadership, rehabilitation worker, retail floriculture, social services, special care counsellor, travel and tourism.

Three-Semester Diplomas
Arena management, ski area management.

Two-Semester Diplomas
Fashion careers, modelling, arena management.

Business Certificate Programs
Accountancy, business administration, business management, chef management, data processing, hotel and restaurant management, manufacturing management, marketing, personnel management, retail merchandising management, secretarial (executive, general, legal, medical).

Diploma Programs
Accountancy (credits toward CGA-RIA), business administration (profiles in accountancy, computer programmer, data processing, hotel and restaurant, marketing, personnel), chef management, computer programming, data processing (profiles in computer operator, systems analysis), general business (floor covering marketing), general business (profiles in business assistant, general insurance, life insurance, legal assistant), hotel and restaurant management (profiles in club management, food management, hotel management), marketing (profiles in advertising, general marketing, merchandising management, retail supermarket management, sales, wholesale management), secretarial (executive, legal, medical).

Most business programs are offered on a flexible semester basis, allowing a student to attend on a regular September-to-May basis, a co-operative (work study) program, or any other practical combination.

Creative and Human Studies
Six-Semester Diplomas
Communications media (theatre arts), creative cinematography, fine arts, furniture design, interior design, journalism, music and package design, public relations, radio broadcasting.

Four-Semester Diplomas
Advertising and graphic design, creative cinematography, creative photography, fine arts, general arts and science, interior design.
(An optional fifth and sixth semester program is available for advanced studies.)

Health Sciences
Four-Semester Diploma
Nursing. (See health sciences section.)

Two-Semester Diplomas
Ambulance and emergency care, funeral service education, pharmacy assistant, registered nursing assistant and nursing-operating room.

One-Semester Post-Diploma
Registered nursing assistant (operating room).

Twenty-Week Certificates
Health care aide, maternal infant nursing.

Four-Week Post-Diploma
Coronary care.

Two-Semester Post-Diploma
(one semester full-time and one semester part-time)
Registered nursing (operating room).

Technology
Six-Semester Diplomas
Architectural technology, chemical engineering technology, chemical technology (industrial chemistry option), chemical technology (bio-science option), civil technology, electromechanical technology (automation and controls), electronics technology, electronics technology (video option), industrial management technology, industrial safety technology, manufacturing engineering technician, survey technology, technical sales representative.

Four-Semester Diplomas
Architectural technician-design, civil technician, electronics technician, explosives technician, instructional materials centre technician (audio-visual), laboratory technician, manufacturing engineering technician, mechanical technician-design (drafting), mechanical technician (electromechanical-automation and controls and numerical-tape controlled machinery), medical equipment maintenance technician, quality control technician, refrigeration and air conditioning (sales) technician, survey technician, tool and die design technician.

Two-and-a-Half-Semester Diplomas
Aerial survey technician, electronics certificate (ILP Program) 48 weeks.

Some programs are offered on the co-operative education (earn-and-learn) basis. For further information contact the Technology Co-operative Education Co-ordinator.

Related Apprenticeship Studies at the North Campus
Carpet and tile installer, hairdressing, horticulture.

Humber Lakeshore 1
(formerly Lakeshore Teachers' College)
3199 Lakeshore Boulevard West

Diploma Programs
General arts and science, general business (with specialized studies in accounting, marketing, personnel management), general secretary certificate, law enforcement, metal arts, secretary (diploma and certificate programs in executive, legal, medical), travel and tourism (September 1975).

Certificate Programs
Academic upgrading (9-12 equivalent), accounting clerk, bookkeeping clerk, clerk-typist, commercial refresher, data entry operator, dicta-typist, English as a second language, advanced English as a second language, receptionist-typist, stenographer-general, teller-cashier.

Humber Lakeshore 2
(formerly Queensway 1 Campus)
56 Queen Elizabeth Boulevard

Two-Year Diploma Programs
Electrical control technician, industrial instrumentation technician, precision instrument technician.

Certificate Programs
Automatic screw machine setter operator (single and multi-spindle), building material sales, camera repair mechanic, drafting, drafting refresher, industrial maintenance mechanic (general and packaging), instrumentation mechanic, machine shop, welder fitter, welder operator, welder refresher.

Apprenticeship Programs
Electrical construction and maintenance, plumbing, sheet metal, steamfitting.

Humber Lakeshore 3
(formerly Queensway 2 Campus)
829 The Queensway

Academic upgrading (1-12 equivalent), English as a second language, advanced English as a second language.

Keelesdale Campus
88 Industry Street

Academic upgrading (9-12 equivalent), accounting clerk, bookkeeping clerk, clerk-typist, commercial refresher, dicta-typist, English as a second language, advanced English as a second language, receptionist-typist and stenographer-general.

Osler Campus
5 Queenslea Avenue

Four-Semester Diploma
Nursing.

Quo Vadis Campus
160 Sherway Drive

Four-Semester Diploma
Nursing.

Humber-York Centre
The Humber-York Campus of Humber College offers a wide selection of interesting programs in co-operation with local agencies and community groups in the Lakeshore area. For further information on Humber-York write, call, or visit:

Humber-York
1721 Eglinton Avenue West
Toronto, Ontario M6E 2H4
Telephone (416) 789-5709

The Centre for Continuous Learning
Training in Business and Industry Programs
Advanced effective supervision (part 1), communications, credit and collections, effective supervision administration (office), effective supervision (construction), effective supervision (production), labour relations (construction), labour relations (production), management accounting, marketing for the hospitality industry, marketing management for the middleman, marketing products and services, personnel management, retail management, retail selling.

Continuing Education Programs
Humber offers a wide variety of these programs suited to individual tastes and needs, be they self-improvement, business, or just an interest in continuing education. Courses are offered in the day, on weekends and through the summer.

Further Information
For further information on admission requirements and details about programs and facilities, please contact
Mr. F. A. Embree
Registrar
Humber College of Applied Arts and Technology
P.O. Box 1900
Rexdale, Ontario M9W 5L7

For a list of continuing education courses, write or call
Dean
Centre for Continuous Learning
Humber College of Applied Arts and Technology
P.O. Box 1900
Rexdale, Ontario M9W 5L7
Telephone (416) 678-9195

For information and application forms for the Ontario Student Assistance Program or for loans to part-time students, please contact
Miss Mary McCarthy
Financial Aid Officer
Humber College of Applied Arts and Technology
P.O. Box 1900
Rexdale, Ontario M9W 5L7
Telephone (416) 676-1200, Ext. 245

Lambton College of Applied Arts and Technology

Sarnia

President: G. M. Delgrosso

Lambton College is located on a new campus which was officially opened by Governor General Roland Michener in March 1971.

A building program, doubling the size of the college, has just been completed. The Retraining Division which was previously located at another campus has moved to the main campus. The complete campus now houses the schools/divisions of business, liberal and applied arts, nursing, technology, continuing education and community services and retraining.

The college offers a wide variety of programs intended to prepare students for careers in the various areas of employment available in the region.

Enrolment 1974-75
Full-time 703
Continuing education and community services 3,300
Retraining program 350
Modular and industrial programs 1,915
Total 6,268

Admission Requirements
For all programs (except technical, technology, medical laboratory technology and nursing) the Ontario Secondary School Graduation Diploma (OSSGD) with three year 4 credits including English, or equivalent. Applicants may also qualify as mature students by being 19 years of age or older. Normally an interview with a counsellor is also required.
Technical and technology programs—
OSSGD including satisfactory standing in year 3 physics and year 4 chemistry, English and mathematics, or the equivalent.
Electronics, home entertainment service—
OSSGD including satisfactory standing in year 3 physics and year 4 English and mathematics, or the equivalent.
Piping drafting—
OSSGD including satisfactory standing in year 3 physics, year 4 English and mathematics, and 3 drafting credits, or the equivalent.
Medical laboratory technology—
open to graduates of the preparatory program and students holding the Ontario Secondary School Honour Graduation Diploma with satisfactory standing in year 5 biology, chemistry, English and mathematics (preferably that dealing with functions and relations). Physics, though not obligatory, is recommended as an additional credit. Final acceptance is subject to an interview normally during the spring at one of the affiliated hospitals.
Nursing program—
OSSGD with two science credits beyond year 2 or the equivalent. Biology (year 3 or higher) and chemistry (year 4 or higher) are strongly recommended. Mature students may also be considered for admission provided they have an OSSGD. (See health sciences section.)

Advanced standing:
If you have credits in excess of year 4 from high school, college and/or university, you may be admitted with advanced standing. That is, you are not required to take courses for which you have attained satisfactory standing elsewhere. With an appropriate selection of year 5 credits a student may be directly admitted into the second year of any technology program or the general arts and science program.

With satisfactory standing in year 4 English, typewriting or office practice and Pitman shorthand included in the OSSGD, students may be directly admitted into the second (specialty) year of the secretarial arts program.

• Programs Offered

Liberal and Applied Arts
Two-Year Diplomas
Early childhood education, general arts and science (with a wide variety of majors), radio, television and journalism arts.

One-Year Certificate
Infant and toddler care and guidance. Students must have successfully completed the first year of an acceptable early childhood education program or be an early childhood education graduate. Each ten-week semester is offered over two consecutive summers.

Business
Three-Year Diploma
Business administration (majors in accounting, marketing and combination accounting/marketing).

Two-Year Diplomas
Accounting, marketing, secretarial arts (executive, legal and medical majors).

Secretarial arts has a common first year with specialization in the second year. The accountancy, marketing and business administration programs have a common first semester enabling new students to delay selecting their programs until the beginning of the second semester. Students can then make an enlightened decision on the choice of their programs.

Technology
Three-Year Diplomas
Engineering technology (chemical, electronics and mechanical). The first semester of each program is common, so that students may delay selection of their area of specialization until the beginning of the second semester.

Two-Year Diplomas
Engineering technician (chemical, and mechanical drafting).
Medical laboratory technology. The first year is academic and the second, a year of clinical experience in one of the affiliated hospitals.

One-Year Certificates
Medical laboratory technology preparatory program.
Graduates of this one-year preparatory program will have fulfilled the academic requirements of the Canadian Society of Laboratory Technologists for eligibility to enter a complete training program in medical laboratory technology at Lambton College or at any other approved program in Canada.
Process operations program.
This program is specifically designed to prepare secondary school graduates with the prerequisites for employment in the process industries. Planned in very close co-operation with the process industries in Sarnia's "Chemical Valley," this program provides the student with an understanding of the process equipment employed, along with an understanding of the principles of operation involved.
Electronics, home entertainment service program.
This program is specifically designed to produce a graduate who will be able to diagnose, locate and repair all faults in electronic home entertainment equipment in a systematic manner with a high degree of proficiency.
Piping drafting.
Planned in close co-operation with consulting engineering, fabrication, construction and processing companies in Sarnia's "Chemical Valley," the program is designed to fill the critical local and nationwide need for draftsmen. People possessing skills developed in this program will have a definite advantage for employment in these companies.

The entire program consists of drafting courses in the drafting room and does not involve other academic courses. Thus students will work under conditions closely duplicating those they will meet after graduation.

Nursing
Two-Year Diploma
Two calendar years (six semesters)
Graduates of this program are able to plan and give care to individuals of all ages, and to function as general staff nurses in health care agencies in which leadership is provided by experienced personnel.

Selected clinical experiences provide the opportunity for students to relate theory to nursing practice. Students receive clinical experience in a variety of community agencies, general hospitals, public health agencies, doctors' offices, senior citizens' facilities and extended care facilities.

Successful completion of this program qualifies graduates to write the registration examinations of the College of Nurses of Ontario.

Continuing Education and Community Services
All business and liberal and applied arts diplomas are available through evening study. Technology courses at all three Advanced Technical Evening Class levels are available. The Division of Continuing Education offers various co-operative courses in association with such groups as the Association of Professional Engineers of Ontario, the Canadian Institute of Management, the Registered Industrial Accountants, the Insurance Institute and the Ontario Real Estate Board.

A wide variety of general interest and non-credit courses is also offered both in the evenings and on weekends.

Retraining and Industrial Training
This division offers upgrading courses to the equivalent level of year 4, clerical and stenographic courses, English as a second language, specialized skill courses, welder-fitter, appliance servicing, marine and small engine mechanics, and the training-in-business and in-industry programs. One-year programs in electronics home entertainment service and process operations are also offered in co-operation with the School of Technology.

The division also offers an industrial day-release program in co-operation with local industry and the Manpower Training Branch of the Ministry of Colleges and Universities.

Counselling Services
Lambton College maintains a full-time counselling centre staffed by professional counsellors to provide students with confidential career, academic and personal counselling. The centre also provides a full range of interest, aptitude and vocational tests.

Student Placement Services
A full-time Placement Officer is available to assist students in obtaining permanent employment on graduation, part-time employment during the term and summer employment between terms. A registry of available jobs is posted daily.

Living Accommodation
A residence for female students is located on campus. In addition, the college maintains a registry of available rooming and boarding houses, apartments and other rental facilities. This registry is available to registered students upon request.

Athletics
It is the aim of the Athletics Department to provide students with an opportunity to take part in leisure time, intramural and varsity activities of their choice. An intramural program is organized and administered through a Student Athletic Association with the assistance of the Athletic Department when required. These activities may include: Golf, tennis, touch football, men's volleyball, women's volleyball, men's basketball, hockey, table tennis, billiards, floor hockey, badminton, slow-pitch baseball, bicycle marathon, jogger's club, broomball, cheerleading, archery and horseshoes.

Intercollegiate programs give students a chance to compete at a more demanding level. Lambton College is a full participating member of the Ontario Colleges Athletic Association (OCAA) which is a 26-team, four-divisional conference.

Further information
For further information regarding Lambton College, please contact
Registrar
Lambton College
1457 London Road
P.O. Box 969
Sarnia, Ontario N7T 7K4
Telephone (519) 542-7751

Loyalist College of Applied Arts and Technology

Belleville

President: Herbert Young

Loyalist College was established at Belleville in 1967 to serve the Quinte region of Ontario comprising the counties of Hastings, Lennox and Addington, Prince Edward and Northumberland, except the town of Cobourg and the western townships of Northumberland. The campus comprises 137 acres of picturesque wooded land on Wallbridge-Loyalist Road just west of the city of Belleville.

The first phase of the permanent building complex was occupied in the fall of 1970. A second building to house the administrative offices, library, student centre and academic area was opened in the fall of 1972. The third building of the permanent complex opened in September 1973.

The college stresses the preparation of students for employment in their field, whether it be in business, technology, arts or services.

Library
The college has a collection of 21,000 books (not including periodicals) and a multi-media resource centre.

Enrolment 1974-75
Full-time 1,100
Continuing education 7,000
Retraining 500
Apprenticeship 40
Total 8,640

- **Programs Offered**

Business and Communications
Three-Year Diplomas
Accountancy, business administration, communication studio techniques, data processing, hotel management, secretarial.
Admission Requirements: OSSGD (27 credits). Credits will be granted for year 5 English and other applicable subjects to the program in which the applicant is enrolled. Credits may also be granted for courses at other post-secondary educational institutions, at the discretion of the School Director. Official transcripts must be presented.

Mature applicants (over 19 years of age at date of registration) will also be considered.

Two-Year Diplomas
Accountancy, assessment appraisal-real estate, business administration, communication studio techniques, data processing, educational resource technician, general arts and science, secretarial.
Admission Requirements: Same as for three-year diplomas.
Accelerated accountancy. Commencing in September, January or May, a student may complete a regular two-year accountancy program in one 12-month period.

Admission Requirements: OSSGD including year 4 accounting and business mathematics. Mature applicants (over 19 years of age at date of registration) will also be considered.

Health Sciences and Community Studies
Two-Year Diplomas
Behavioural science, early childhood education, law and security management, nursing, residential counsellor-mental retardation. (See section in *Horizons* on health sciences and social services.)
Admission Requirements: OSSGD (27 credits). Credits will be granted for year 5 English and other applicable subjects to the program in which the applicant is enrolled. Diploma nursing applicants are required to have an OSSGD including two science subjects at a senior level. Preference is given to those having year 4 chemistry, year 3 biology or physics and year 3 math. Credits may also be granted for courses at other post-secondary educational institutions, at the discretion of the School Director. Official transcripts must be presented.

Mature applicants (over 19 years of age at date of registration) will also be considered. Diploma nursing and nursing assistant applicants must pass health examinations and personal interviews.

One-Year Certificates
Nursing assistant (leading to Registered Nursing Assistant certification by the Ontario College of Nurses), security officer.
Admission Requirements: Nursing assistant—year 4 Ontario certificate or equivalent. Mature students (over 19 years of age) with a year 2 Ontario certificate will also be considered. Applicants will be interviewed and must pass a health examination. Security officer—OSSGD and/or mature student status.

Certificates of Achievement
Health care aide (16-week course for those who wish to work in nursing homes and homes for the aged), hospital central service program (15-week course to prepare people for employment in preparation, processing and distribution of medical and nursing supplies in various hospital departments).
Admission Requirements: Ontario year 2 (grade 10) certificate. Mature applicants (over 19 years of age at date of registration) will also be considered for health care aide if they have Ontario grade 8.

Technology
Three-Year Diplomas
Chemical, civil, electrical and electronic technology.
Admission Requirements: Three-year technology, two-year technician and one-year electronics programs. Normally, applicants will be expected to have an OSSGD with standing in mathematics at the general (year 4) or higher level and in year 3 physics at the general or higher level.

Students who lack standing in secondary school year 4 English will be required to take 011A English. Applicants for chemical and water resource technician and technology programs are required to have standing in year 4 chemistry.

Although no specific standing is required, applicants for the three-year technology programs must have demonstrated academic achievement which would indicate the probability of successful completion of the program.

Applicants with qualifications beyond the minimum entrance requirements may be granted credit in subjects applicable to their program. Students with standing in year 5 English, mathematics, physics and chemistry may be admitted to the second year of a three-year technology program. They will be required to complete a course in engineering drawing if drafting was not taken in secondary school. Credits may also be granted for other secondary school year 5 courses, courses at other community colleges, universities or other educational institutions at the discretion of the School Director. Official transcripts must be presented.

Two-Year Diplomas
Architectural, chemical engineering, civil engineering, construction engineering, electrical engineering, electronic engineering, mechanical engineering technician (mechanical drafting and tool and die making options), senior survey technician, water resources field technician.
Admission Requirements: See three-year diploma admission requirements.

One-Year Skill Programs
Construction trades helper (16 weeks), electronic servicing technician (48 weeks), industrial maintenance mechanic (48 weeks), welder fitter (40 weeks).
Admission Requirements: Construction trades helper—relevant practical experience background. Electronic servicing technician—Ontario year 4 or equivalent. Industrial maintenance mechanic—Ontario year 2 (year 4 preferred). Welder fitter—Ontario year 2 or equivalent.

Extension Division
Courses leading to college certificates and diplomas are offered in accountancy, business administration, conversational French, data processing, law and security management, as well as many technical courses at the technician and technology level. In addition, a wide range of co-operative courses are provided at the Belleville Campus. Interest and hobby courses are also offered at the Belleville Campus and at many high schools throughout the four-county area served by Loyalist College.

Summer Programs
Loyalist College offers summer courses in creative ceramics, creative jewelry design, gemstone geology, lapidary art, pencil and brush, plastics, sculpture. These programs are offered at various locations in the area served by the college.

Retraining
Programs are offered in academic upgrading, business and farm management, commercial upgrading, drafting and other skills.

Apprenticeship
Loyalist College offers classroom instruction for the apprenticeship programs offered by the Manpower Training Branch of the Ministry of Colleges and Universities. Areas of apprenticeship instruction assigned to Loyalist in 1975-76 are electrical construction and maintenance, machinist courses, and motor vehicle repair. Loyalist does not register apprentices directly; this is done at the Manpower Training Branch which provides all details of the program and does the scheduling.

Information concerning qualification requirements leading to certification can be obtained by contacting the Manpower Training Branch, Ministry of Colleges and Universities, Mowat Block, Queen's Park, Toronto, Ontario M7A 2B5, or the local office of the branch at Belleville. (Telephone (613) 962-8436 for an interview).

Counselling Services
A comprehensive service, co-ordinated by the Department of Student Services, is available to all students and applicants.

Student Placement
The on-campus Placement Office provides counselling in career choice, consolidates information on current job opportunities and assists students in obtaining regular, summer and part-time work.

Student Assistance
The Ontario Student Assistance Program helps eligible full-time students to meet basic educational costs, such as tuition fees, books and lodging during the academic year. Application forms and a brochure describing the program are available in April from the Student Awards Office of the college. Part-time students can apply for provincial loans or bursaries. Full-time students who are ineligible for financial aid under the provisions of OSAP or other student aid programs, may apply through the Student Awards Office for a college-assisted bank loan, repayable upon graduation. Short-term loans are also available to students encountering temporary financial difficulties during the academic year. For further details see the introductory section on financial assistance to students.

Living Accommodation
There is no living accommodation on campus. An extensive list of homes and residences in the Belleville area offering rooming and boarding facilities is available from the Department of Student Services.

Sports
The college's athletics program ranges from recreational sports to intramural and inter-collegiate competition. The Loyalist Lancers compete, for example, in inter-collegiate (OCAA), archery, badminton, basketball, cross-country, curling, golf, hockey, volleyball, soccer, table tennis and tennis. Basic instruction is provided to any student seeking to learn a new sport.

Further Inquiries
For further information, contact
Registrar
Loyalist College of Applied Arts and Technology
Wallbridge-Loyalist Road
P.O. Box 4200
Belleville, Ontario K8N 5B9
Telephone (613) 962-9501

1420

Mohawk College of Applied Arts and Technology

Hamilton

President: Sam Mitminger

Mohawk College serves much of the industrial heartland of southwestern Ontario and its hinterland including the cities of Hamilton and Brantford and surrounding area.

The college's main Fennell Campus, located at 135 Fennell Avenue West on Hamilton's mountain, houses the majority of post-secondary programs with the exception of health sciences. The college maintains seven separate health sciences facilities, four separate nursing campuses, and departments of radiography, physiotherapy and medical laboratory technology. The Division of Health Sciences, with a total enrolment of 1,100, has developed with the Faculty of Health Sciences of McMaster University a unique relationship. Professional input, both in the development and teaching of programs, is shared to the benefit of the students of both institutions.

Mohawk College maintains two large, modern facilities used primarily to offer retraining programs. These are the Braneida Campus in Brantford and the Saltfleet Campus in the heavily industrial Saltfleet Township, east of Hamilton.

Mohawk College's Wentworth Campus and its English Language Centre are both located in downtown Hamilton. The former houses a number of apprenticeship and business programs while the latter offers English language classes to new Canadians, in conjunction with the Hamilton Multicultural Centre. In the Haldimand-Norfolk region Mohawk College, in co-operation with McMaster University, has set up the Mohawk College-McMaster University Education Information Centre which offers a variety of continuing education courses for residents in that region.

The co-operative concept of education is significantly advanced at Mohawk College. By the fall of 1974, nine post-secondary programs representing a student enrolment of over 800 had been modified to supplement academic study by paid work experience in the field. The college feels that co-op has many advantages to the student and the potential employer and creates an environment in which theory and practice are closely linked. Plans call for other post-secondary programs to become co-operative in the future.

Mohawk College has the second largest college enrolment for technology in the province. The very broad range of programs offered in this area includes textile engineering technology, the only program of its kind taught in English in Canada. Transportation planning technology is the only three-year program available in Ontario to train people to enter this dynamic field.

Library
Mohawk College's attractive library contains over 30,000 volumes and documents and encompasses a large number of areas for relaxed study. The spacious resource centre houses all sound and audio-visual learning materials and facilities including three fully equipped media studios.

Enrolment 1974-75
Full-time 4,100
Retraining 4,000
Apprenticeship 1,000
Continuing education 15,000

- **Programs Offered**

Business and Applied Arts
Three-Year Diplomas
Business administration (optional third year specialization in accounting and marketing), communications arts (concentration in advertising, radio, news, or television/film).
Admission Requirements: OSSGD (27 credits) with good standing in year 4 mathematics and English.

Two-Year Diplomas
Accounting, child care, community planning, early childhood education, finance, insurance administration, law and security administration, marketing, recreation leadership, secretarial (general, legal and medical), social services. Admission Requirements: OSSGD (27 credits) with year 4 English.

One-Year Diploma
Community school worker.
Admission Requirements: Completion of a teachers' college course; or completion of a diploma course in recreation; or a degree in social sciences, social work or physical education; or completion of a diploma course for social workers; or a teaching certificate; or a recreation director certificate.

Technology Division
Three-Year Diplomas (Technology Programs)
Architectural (co-operative), chemical engineering, civil engineering, computer systems (co-operative), control systems engineering (co-operative), electronics engineering (co-operative), industrial management (co-operative), mechanical engineering (production and design options, co-operative), metallurgical engineering, textile engineering technology, transportation planning technology (co-operative).
Admission Requirements: OSSGD (27 credits) on completion of year 4. Applicants who have successfully completed English at the advanced level, mathematics at the year 3 and 4 advanced level, physics and chemistry at the year 3 and 4 advanced level are generally well prepared for the three-year technology programs. Applicants with these subjects taken at the general level will be considered on an individual basis.

Under certain conditions, a technical subject taken at an acceptable level may be substituted for either chemistry or physics.

Applicants for the architectural technology program may substitute one of the following options for physics or chemistry: History, art, architectural drafting or construction technology.

Applicants for the computer systems technology program and the transportation planning technology program must have completed the requirements for an OSSGD with English at the year 4 advanced level and mathematics at the year 3 and 4 advanced level.

Technology applicants who have taken mathematics at the year 3 and 4 general level will be required to take a summer preparatory mathematics course. Exemption from the preparatory mathematics course can be obtained by writing a mathematics test which will determine the student's mathematical functioning level.

Two-Year Diplomas (Technician Programs)
Architectural, chemical engineering, civil engineering, construction engineering, data processing, electrical systems engineering, electronics engineering, industrial engineering, instrumentation, mechanical drafting, motive power (automotive).
Admission Requirements: OSSGD with good standing in year 4 mathematics and English. One of physics, chemistry or a technical subject taken at the year 3 level or higher.

Apprenticeship Courses
Carpenter, electrician, hairdresser, motor vehicle mechanic, plumber, refrigeration and air conditioning mechanic, sheet metal worker.

Health Sciences
Three-Year Diploma
Physiotherapy.
During second and third years, students are based in the Physiotherapy School at the Chedoke Hospital and instruction is given by members of the Faculty of Medicine, McMaster University, Mohawk College faculty and other medical resource people.
Admission Requirements: OSSGD (27 credits) and good standing in the following subjects taken at the advanced level: Year 4 English, year 3 and 4 mathematics, and two of physics, chemistry or biology completed in year 3 or 4. Every applicant will be considered on an individual basis. Acceptance into the program will also be based on a personal interview and tests.

Two and Three-Year Programs
Radiography.
Graduates must meet all the requirements of the Canadian Society of Radiological Technicians for certification.
Admission Requirements: OSSGD (27 credits) and good standing in each of the following subjects: Advanced level mathematics taken in year 3 and 4, physics taken in year 3, plus any three other science credits and year 4 English. Acceptance into the program will also be based on tests and a personal interview and will depend on the students' obtaining training placement in one of the approved hospitals.

Two-Year Diplomas
Nursing.
This program leads to a Diploma of Nursing and, upon successful completion of the examinations set by the College of Nurses, certification as a Registered Nurse.
Admission Requirements: OSSGD with two senior level sciences. Desirable preparation includes advanced level science courses, such as biology, chemistry, physics and English. A personal interview is normally required. (See health sciences section.)

Medical Laboratory Technology.
This program leads to a diploma qualifying students to write the General Certificate Examination of the Canadian Society of Laboratory Technologists.
Admission Requirements: OSSHGD (Ontario year 5 or equivalent) with the following subjects: Chemistry, mathematics and a second science (preferably biology), and additional credits for a minimum of six. Year 5 English is strongly recommended as one of the six credits. Acceptance is also based on a personal interview and is dependent upon the students' obtaining training placement in one of the approved hospitals.

Counselling Services
The college maintains a full-time counselling centre with qualified counsellors to provide students with confidential assistance in their personal problems and to assist the faculty in counselling students in academic matters.

Further Inquiries
For further information on admission requirements and details about programs and facilities, please contact
Registrar
Mohawk College
135 Fennell Avenue West
Hamilton, Ontario L8N 3T2

For information and application forms for student awards and loans please contact
Student Awards Officer
Student Services Division
Mohawk College
135 Fennell Avenue West
Hamilton, Ontario L8N 3T2

Telephone (416) 389-4461

Niagara College of Applied Arts and Technology

Welland

President: A. S. Manera

Niagara College is located on a main campus of 100 acres in Welland, Ontario, as well as on five satellite locations in the Niagara Peninsula. Its 430,000 square feet of facilities include an outstanding resource centre, a data processing centre, a modern television and radio studio as well as a gymnasium and outdoor tennis courts.

Learning at Niagara College is considered to be the mutual responsibility of the students, faculty and administration, and it is marked by the close relationship of all three groups.

Enrolment 1974-75
Full-time 2,166
Extension 3,600
Retraining 1,220
Total 6,986

Library
The library's collection contains 35,000 volumes, with 650 periodical subscriptions.

Campus Locations
All post-secondary courses are offered at the main campus in Welland with the exception of:
Horticultural technician, which is given at
Department of Horticulture
360 Niagara Street
St. Catharines, Ontario L2M 4W1

Theatre arts, offered at
Niagara College Theatre Centre
54 Empire Street
Welland, Ontario L3B 2L4

Hotel and food services management and tourism, available at
Sheraton Foxhead Inn
5875 Falls Street
Niagara Falls, Ontario L2G 3K6

Nursing education, offered at
Mack Centre
St. Catharines, Ontario L2R 7C6
and at
Niagara Centre
5673 North Street
Niagara Falls, Ontario L2J 5X8

- **Programs Offered**

Applied Arts and Health Sciences
Two-Year Diplomas
Early childhood education, educational resources technician, fashion arts, general college diploma, government operations, graphic arts, horticultural technician, human relations, interior decorating, journalism and advertising, law and security administration, library technician, medical records technician, nursing education, radio and television arts, social services, theatre arts.

Admission Requirements: Ontario Secondary School Graduation Diploma. In addition, a personal interview is required in the early childhood education, medical records, radio and television arts, social service worker and theatre arts programs.

A personal interview and credits at the advanced level in chemistry and physics or biology are required for the nursing education program. (See health sciences section.)

Two-Year Diplomas (Third Year Optional)
Fashion arts, journalism and advertising, radio and television arts, theatre arts.
Admission Requirements: Same as above.

One-Year Certificates
Dental assistant, dicta-typist health-records.
Admission Requirement: OSSGD.
In addition, the results of a compulsory college-conducted aptitude test are used to determine the admissibility of applicants.

Business
Three-Year Diplomas
Business administration (third year specialization in data processing, financial, industrial, marketing or personnel management).
Admission Requirements: OSSGD with standing in year 4 level English and mathematics.
Hotel and food services management, secretarial science.
Admission Requirement: OSSGD.

Two-Year Diplomas
Bilingual secretary, general business (second year specialization in accountancy, electronic data processing, merchandising, and sales) legal assistant, retail management, specialized secretarial.
Admission Requirement: OSSGD.

One-Year Certificates
College secretarial, procedural typist.
Admission Requirement: OSSGD from a business and commerce program.

Technology
Three-Year Diplomas
Construction technician, engineering technology (second and third year specialization in chemical, electronic, marine, mechanical, metallurgical production, and electrical power engineering technology).
Admission Requirements: OSSGD with standing in year 3 physics and year 4 mathematics and chemistry.

Two-Year Diplomas
Chemical technician, electrical technician, electronic technician, industrial instrumentation, mechanical technician (major options in mechanical design or mechanical production), refrigeration and air-conditioning technician, survey technician.
Admission Requirement: OSSGD

Retraining
Programs offered in retraining are set up to meet the changing demands of business and industry and provide a learning situation whereby persons may be prepared for upward job mobility or entrance to other levels of learning.

Extension Division
Through the Extension Division, Niagara College serves the needs of the part-time students interested in courses at the college level. Many of the diploma programs in applied arts, business and technology are offered through extension. In addition, the School of Community Education serves the community through its special interest courses and its programs in labour studies and labour-management relations.

Counselling Services
Niagara College counsellors are concerned with the well-being and personal development of each person using their services. Professionally qualified counsellors are available for confidential consultation on educational and vocational planning, personal difficulties, and on other matters of concern to the student.

Student Placement Services
A full-time Placement Officer is available on campus to assist students in obtaining part-time, summer and permanent employment.

Student Awards
The Canada Student Loans Plan and the Ontario Student Assistance Program are administered through the college. In addition, the college provides a short-term emergency loan fund as well as a growing number of scholarships and bursaries. Part-time students can apply for provincial assistance. For further information, see the introductory section on financial assistance for students and check with the college's Student Awards Officer.

Sports
The college offers a full recreational, intramural and inter-collegiate program.

Living Accommodation
There are no residences or dormitories on campus. Students will be given assistance in finding suitable lodgings off campus. Inquiries about accommodation should be directed to the Registrar.

Additional Expenses
In certain applied arts programs an additional materials fee is payable by all students. Please consult the college calendar for further information.

Further Inquiries
Please address inquiries about admission requirements and specific programs to
Admissions Office
Niagara College of Applied Arts and Technology
Woodlawn Road
Welland, Ontario L3B 5S2
Telephone (416) 735-2211

Northern College of Applied Arts and Technology

Haileybury, Kirkland Lake, South Porcupine

President: J. H. Drysdale

Northern College offers post-secondary education to a vast area encompassing 58,000 square miles of beautiful forest and mineral-laden countryside. Students have three campuses from which to choose.

The Haileybury School of Mines Campus, formerly the Provincial Institute of Mining, is unique. It is geared strictly to serving the education needs of the mining industry and, because of its fine reputation in that industry, has students attending from all parts of Canada and from abroad.

The Kirkland Lake Campus was formerly the Northern Ontario Institute of Technology where students obtained an excellent education in a variety of technical fields. This high level of technological education is still maintained and business administration has been added to the list of programs. Northern's welding engineering technology program, offered at Kirkland Lake, is unique in the community college system.

The Porcupine Campus was developed to meet the particular needs of the Timmins area, but all campuses serve the entire districts of Cochrane and Temiskaming. The Porcupine Campus offers three-year programs in surveying and business administration and a range of two-year programs in applied arts, business and technical areas, as well as in nursing. Special programs of the campus are social services and bilingual secretarial science.

The Retraining Division is located on the Porcupine Campus. However, it offers programs on each campus and at educational centres throughout the Cochrane and Temiskaming districts, as far north as Winisk on the coast of Hudson Bay.

The Retraining Program provides outreach to the community through Continuing Education, Extension, Training in Business and Industry, and Management Development Programs.

Enrolment 1974-75
Full-time 645
Continuing education 3,642
Retraining 372
Management development 131
Training in business and industry 911
Pre-certificate 55
Total 5,856

Library
Each of the three campuses has well-equipped facilities. In all, well over 12,600 books are available, plus a variety of slides, films, film strips, tapes, VTR tapes, cartridges and cassettes.

Campus Locations and Program Specialization

Haileybury School of Mines
Mining (geology, mining and metallurgy integrated), instrumentation.

Kirkland Lake Campus
Biochemical technology, business administration, chemical, civil, computer science, data processing, electrical, electronics, electronic technician, industrial chemical technician, laboratory technician, mechanical, mechanical technician, nursing, secretarial science, welding.

Porcupine Campus
Architecture, business administration, child care, early childhood education, electrical, electronics, fine arts, nursing, secretarial arts, social service, surveying.

• Programs Offered

Applied Arts
Two-Year Diplomas
Child care, early childhood education, education resources technician, fine arts, social service worker.
Admission Requirements: Ontario Secondary School Graduation Diploma or equivalent, or mature student status.

Business
Three-Year Diplomas
Business administration, business administration (accounting, administration and marketing options), electronic data processing, secretarial science (English and bilingual).

Two-Year Diplomas
Accountancy and marketing, business program in accounting, business program in administration and marketing, hospitality administration and food service, secretarial arts.

One-Year Certificate
Secretarial arts.
Admission Requirements: OSSGD or equivalent, or mature student status.

Technology
Three-Year Diplomas
Broad curriculum mining, chemical (biochemical technology and engineering), civil, computer science, electrical, electronics, mechanical, survey, welding.

Two-Year Diplomas
Architecture, broad curriculum mining, electrical, electronics, industrial chemistry technician, industrial instrumentation, laboratory technician, mechanical, survey.
Admission Requirements: OSSGD or equivalent, or mature student status. For broad curriculum mining, please see requirements for three-year diploma.

Health Sciences
Two-Year Diploma
Nursing.
Admission Requirements: OSSGD or equivalent, including credits in chemistry, and one other science (physics or biology) and two sciences at the senior level, or mature student status. (See health sciences section.)

One-Year Certificate
Nursing assistant.
Admission Requirements: Year 2 and minimum age of 17, or mature student status.

Retraining and Apprenticeship Division
The Division offers personalized programs of study tailored to the needs and goals of the individual.

a) Academic upgrading programs are available from basic to college entry levels. Students may enter a course at any time and graduate whenever the course objectives are met. Upgrading programs are also offered in French.
b) Business and commerce skill programs are modularized and may lead to certification as an accounting clerk, bookkeeping clerk, clerk-typist, dicta-typist, receptionist-typist, or stenographer-general. Commercial refresher programs are also available.
c) Technical skill programs offered are: Appliance servicing, band management, carpentry, construction trades helper, cutters and skidders, diamond drilling operator, forestry filers, forestry graders and scalers, forestry millwright, heavy duty equipment (diesel) mechanic, hospitality administration and food service modules (bartender, cocktail waitress, coffee shop waitress, desk clerk, dining room waitress, dish machine operator, food service supervisor, sandwich board operator, short order cook), marine and snow vehicle maintenance, masonry, mining assistant, prospecting techniques, survey assistant, welder fitter, welding operator.
d) Health science programs to which the Division refers clients include the health care aide, nursing assistant, and post-basic psychiatric nursing programs.

Continuing Education
A student may register for college credit in any evening or day subjects offered at any of the three campuses. This department also offers non-credit courses to meet community needs.

Management Development Program
This is a series of more than 60 courses tailored specifically to meet the professional development needs of management.

Training in Business and Industry
The purpose of this program is to work with people who can be upgraded and, in some cases, retrained on the job to increase their employability and flexibility.
Arrangements for registration may be made by management, staff organizations, unions or groups of interested employees.

Modular Training
This is a co-operative effort with the college and the Manpower Training Branch of the Ministry of Colleges and Universities. The program centres around the modular training package for stationary engineers, first to fourth class.

Further Inquiries
Director of Student Services
P.O. Box 2002
South Porcupine, Ontario P0N 1H0
Telephone (705) 235-3211

Student Affairs Officer
P.O. Box 849
Haileybury, Ontario P0J 1K0
Telephone (705) 672-3376

Registrar and Director of Student Services
P.O. Box 970
Kirkland Lake, Ontario P2N 3L2
Telephone (705) 567-9291

Retraining and Apprenticeship Counsellor
P.O. Box 2002
South Porcupine, Ontario P0N 1H0
Telephone (705) 235-3211

St. Clair College of Applied Arts and Technology

Windsor, Chatham

President: R. C. Quittenton

Located in Canada's southernmost counties, Essex and Kent, St. Clair College is continuing in the strong tradition established by the Western Ontario Institute of Technology. In addition to the Schools of Technology, Business and Applied Arts, St. Clair's School of Health Sciences is one of the foremost in the province, offering unique programs in the paramedical field. Recognizing Windsor's importance as a Canadian automotive centre, the School of Technical Arts and Trades has taken a leadership role in the automotive field, as evidenced by St. Clair's two internationally acclaimed Clean-Air Cars.

Enrolment 1974-75
Full-time 2,853
Continuing education 4,852
Retraining 1,064
Apprenticeship 385
Total 9,154

Library
There are approximately 28,000 books with a growing collection of audio-visual software. Facilities also include a film booking service, phonograph records and players, typewriters, electronic calculators and cassette players available for student use.

Campus Locations
St. Clair College has two campuses, Windsor and Chatham, offering post-secondary programs. The main campus in Windsor offers all but two of the St. Clair programs and contains the School of Retraining, while the Thames Campus in Chatham offers communication arts, diploma nursing, general technology, business administration, general business and secretarial. The craft and design, and the resident counsellor/mental retardation programs are offered only at the Thames Campus. In addition, there are several small centres throughout Windsor with special college and vocational preparatory programs. The Patterson Centre for Community Education offers English as a second language and a wide variety of general interest courses for the community.

General Requirements for Admission
Applications are considered from:
(a) holders of an Ontario Secondary School Graduation Diploma (27 credits)
(b) holders of an Ontario Secondary School Honour Graduation Diploma
(c) mature students 19 years of age or older.
Advanced credit and direct entry:
Applicants who have completed year 5, university or business courses may be considered for exemption from all or part of the first year of some programs.

• **Programs Offered**

Applied Arts
Six-Semester Program
Communication arts (advertising, journalism, tourism).
Admission Requirements: OSSGD (27 credits) including four credits in English, "C" (60%) advanced level, "B" (70%) general level.

Four-Semester Programs
Craft and design (Thames Campus only), interior design, legal office administration, library technician, social science research assistant, theatre arts.
Admission Requirements: OSSGD (27 credits). Students will also be expected to meet the following additional requirements: Craft and design—art portfolio; interior design—art credits or artistic aptitude test; legal office administration—four credits in English, "C" (60%) advanced level, "B" (70%) general level; social science research assistant—four credits in mathematics.

Two-Semester Program
Security administration.
Admission Requirement: OSSGD (27 credits).

Business
Six-Semester Program
Business administration (accounting, data processing, marketing).
Admission Requirements: OSSGD (27 credits) including four credits in English, two in mathematics.

Four-Semester Programs
General business (accounting, data processing, marketing), secretarial (executive, legal, medical).
Admission Requirements: General business—OSSGD (27 credits) with four credits in English and two in mathematics. Secretarial—OSSGD with four credits in English, 45 wpm typing, 80 wpm Pitman shorthand or completion of two-semester program.

Two-Semester Program
General secretarial.
Admission Requirements: OSSGD (27 credits) with four credits in English.

Technology
Six-Semester Programs
Architectural technology, chemical technology, electrical/electronics engineering technology, food processing technology, industrial engineering technology, mechanical engineering technology.
Admission Requirements: OSSGD (27 credits) with four credits in mathematics, four in English, one senior credit in each of physics and chemistry, "C" (60%) advanced level, "B" (70%) general level.

Four-Semester Courses
Construction technician, electronics technician, food laboratory technician, industrial technician, mechanical drafting technician.
Admission Requirements: OSSGD (27 credits) with four credits in mathematics, one senior credit in each of physics and chemistry.

Technical Arts and Trades
Two-Year Programs
Combustion technician, food service management, furniture renovation technician, landscaping technician, motive power technician, plastics technician, toolmaking technician.
Admission Requirements: OSSGD (27 credits). Students planning to take the toolmaking technician course must include four credits in mathematics.

One-Year Program
Machine shop.
Admission Requirement: OSSGD (27 credits).

Health Sciences
Six-Semester Programs
Bio-science technology, diploma nursing, medical laboratory technology.
Admission Requirements: OSSGD (27 credits). Those planning to take medical laboratory technology and bio-science technology are also required to have four credits in mathematics, one senior credit in physics and chemistry, "C" (60%) advanced level, "B" (70%) general level. Those planning to take diploma nursing are required to have four credits in English, two of senior biology, chemistry and/or physics, three credits in mathematics, "C" (60%) advanced level, "B" (70%) general level. (See health sciences section.)

Four-Semester Programs
Animal health technician, resident counsellor/mental retardation.
Admission Requirements: OSSGD (27 credits). Also required for the animal health technician program are four credits in English, three in mathematics, and one each in biology and chemistry, "C" (60%) advanced level, "B" (70%) general level.

Three-Semester Program
Nursing assistant.
Admission Requirements: OSSGD including two science credits, two credits in English and one in mathematics.

Two-Semester Programs
Dental assistant, pharmacy assistant.
Admission Requirements: OSSGD (27 credits). Also required for the pharmacy assistant program are four credits in mathematics and one credit in chemistry.

Retraining
The School of Retraining offers complete upgrading courses from grades 1 through 8 and year 1 through year 4, as well as the following skill courses: Backhoe operator, clerk-typist, commercial accounting, commercial refresher, data processing, drafting, electronics, grooming the standardbred horse, heavy equipment operator, stenographical and clerical, teller-cashier, welder fitter.

Apprenticeship
The following apprenticeship programs are available through St. Clair College: Carpentry, construction electrician, hairdressing, motor vehicle mechanic, plumber, sheet metal.

Continuing Education
The School of Continuing Education offers over 375 courses covering a myriad of topics, at both the Windsor and Chatham Campuses, as well as at smaller centres throughout Essex and Kent counties. Courses are offered four times per year, including the summer.

Counselling Services
St. Clair has an extensive counselling service open to students and the community to deal with personal, financial, academic and vocational matters.

Student Placement
The Placement Office, which also has a permanent Canada Manpower representative, will assist any St. Clair student in finding suitable part-time, summer or permanent employment.

Student Assistance
St. Clair students are eligible for many types of financial assistance, including government grants and loans, and college bursaries and awards. St. Clair also offers a number of entrance scholarships awarded for outstanding academic achievement in secondary school. Inquiries should be directed to the Financial Aids Office. (See also the introductory section on financial assistance for students.)

Student Accommodation
The Campus Life Office has an extensive housing list of homes in both Windsor and Chatham where out-of-town students can find suitable accommodation.

Sports
With the recent completion of the gym and swimming pool at the Windsor campus, St. Clair has a complete physical education complex including squash courts, tennis courts, athletic fields, sauna, etc., open to all students for competitive sport and recreation. Many of St. Clair's varsity teams have won provincial championships, led by the "Saints" hockey team which has won the OCAA Hockey Championship in four of the last seven years.

Further Inquiries
For additional information please contact
Admissions Office
St. Clair College
2000 Talbot Road West
Windsor, Ontario N9A 6S4
Telephone (519) 966-1656
or
Thames Campus
180 Keil Drive West
P.O. Box 1223
Chatham, Ontario N7M 5L8
Telephone (519) 354-9100

St. Lawrence College of Applied Arts and Technology

Kingston, Brockville, Cornwall

President: W. W. Crucken

With three campuses, the college serves the six counties along the St. Lawrence River from Frontenac County in the west to Glengarry County on the Ontario-Quebec border.

Enrolment 1974-75
Full-time post-secondary 2,661
Total (including apprentice, OMRP and part-time) 12,000

Library
Each campus maintains a comprehensive resource centre where print and non-print materials, audio-visual equipment and private study carrels facilitate individual research and learning.

Admission Requirements
Subject only to numerical enrolment restrictions on a few offerings, admission to St. Lawrence College post-secondary programs is on a first-come, first-served basis for applicants possessing an Ontario Secondary School Graduation Diploma, its acceptable academic equivalent, or mature student status.

Counselling Services
While specialized counselling resources exist in the Student Services Department on each campus, and health services and class advisors are available, the college maintains an open-door policy which encourages a student to discuss personal problems in confidence with any teaching or administrative staff member he or she chooses to approach.

Student Placement Services
A full-time Placement Officer is available at each campus to assist students in obtaining employment after graduation, or part-time employment. St. Lawrence College has one of the most successful placement records in the province.

Student Awards
Each campus has a Student Awards Officer who is responsible for financial counselling, processing of scholarship and bursary requests, and who should be contacted for information and application forms for the Ontario Student Assistance Program, loans, grants and bursaries. See introductory section for details about aid for full-time and part-time students.

Living Accommodation
The college operates a complete co-ed residence facility on its Cornwall Campus; institutional residences are open to students in Brockville and Kingston. Information on accommodation and housing lists are available on request.

Kingston Campus
Principal: D. W. Anderson

Campus Enrolment 1974-75
Full-time post-secondary 1,510

- **Programs Offered**

Applied Arts
Three-Year Diplomas
Behavioural science technology, child care worker, theatre arts, visual and creative arts (options in fashion, graphics, painting and sculpture).

Two-Year Diplomas
Correctional worker, early childhood education.

Business
Three-Year Diploma
Business administration (options in computer and information processing, finance, and marketing).

Two-Year Diplomas
Commercial communications, general business (options in accounting and marketing), law office procedures, public administration, secretarial science (options in executive, legal, and medical).

One-Year Certificates
Secretarial arts (legal or medical options); secretarial level 1 (clerk-typist, dicta-typist, stenographer).

Technology
Three-Year Diplomas
Animal care technology, chemical technology, civil technology, electronic technology, industrial instrumentation technology, laboratory science technology, mechanical technology, medical laboratory technology, water resources technology.

Two-Year Diplomas
Electronic technician, industrial instrumentation, mechanical technician.

Health Sciences
Two-Year Diploma
Nursing. (See health sciences section of *Horizons.)*

One-Year Certificate
Nursing assistant.

Continuing Education
The college offers day and evening courses designed to satisfy the requirements of three basic programs: St. Lawrence certificates in technology at three levels, advanced technical and business evening courses and examination programs for professional associations. Many general interest and recreational courses are also available.

Ontario Manpower Retraining Program
A wide range of short programs is offered including academic upgrading, language training and skill courses.

Apprenticeship Programs
Electrical construction and maintenance, hairdressing, plumbing.

Further Inquiries
For more information about the Kingston Campus, please contact
Mr. J. T. Bryden
Registrar
Kingston Campus
St. Lawrence College
Portsmouth Avenue
Kingston, Ontario K7L 5A6
Telephone (613) 544-5400

Brockville Campus
Principal: R. Doyle

Campus Enrolment 1974-75
Full-time post-secondary 469

- **Programs Offered**

Applied Arts
Two-Year Diplomas
Behavioural science technician, child care worker, craft and design.

Business
Three-Year Diploma
Business administration (options in finance management, industrial management and marketing management).

Two-Year Diploma
Secretarial science (executive secretary option).

One-Year Certificates
Fashion retailing, secretarial level 1.

Technology
Three-Year Diplomas
Civil technology, conservation technology for historic structures, electrical power technology.

Health Sciences
Two-Year Diploma
Nursing. (See health sciences section.)

One-Year Certificate
Nursing assistant.

Continuing Education
Similar to Kingston Campus.

Ontario Manpower Retraining Program
Academic upgrading, commercial steno, electronic service technician.

Further Inquiries
For more information about the Brockville Campus, please contact
Mr. R. E. Sommerville
Registrar
Brockville Campus
St. Lawrence College
20 Parkdale Avenue
Brockville, Ontario K6V 5X3
Telephone (613) 345-0660

Cornwall Campus
Principal: L. J. Tremblay

Campus Enrolment 1974-75
Full-time post-secondary 682

• **Programs Offered**

Applied Arts
Three-Year Diplomas
Visual and creative arts (options in advertising and design, painting, crafts).

Two-Year Diplomas
Behavioural science technician (options in behaviour modification, community counsellor, personnel management), early childhood education.

Business
Three-Year Diploma
Business administration (options in computer and information processing, finance, industrial management, marketing, real property administration).

Two-Year Diplomas
Assessment administration, general business (options in accounting and marketing), retail management, secretarial science (bilingual, executive, legal, medical options).

One-Year Certificates
Cinema management, retailing (co-operative), secretarial level 1.

Technology
Three-Year Diplomas
Chemical technology, civil technology, electronic technology, industrial instrumentation technology, laboratory science technology, mechanical technology (option in marine engineering), medical laboratory technology.

Two-Year Diplomas
Electronic technician, instrumentation technician, mechanical technician.

Health Sciences
Two-Year Diploma
Nursing. (See health sciences section.)

Continuing Education
Similar to Kingston Campus.

Ontario Manpower Retraining Program
A wide range of short programs is offered including academic upgrading, skill and service courses.

Apprenticeship Program
Motor vehicle mechanic.

Further Inquiries
For more information about the Cornwall Campus programs and facilities, contact
Mr. A. W. Martin
Registrar
Cornwall Campus
St. Lawrence College
Windmill Point
Cornwall, Ontario K6H 4Z1
Telephone (613) 933-6080

Sault College of Applied Arts and Technology

Sault Ste. Marie

President: G. Ray Lawson

The Sault College of Applied Arts and Technology became an independent college in 1972 when it separated from Cambrian College in Sudbury and a sister college in North Bay.

The college is located in the city of Sault Ste. Marie, at the crossroads of northwestern and southern Ontario and serves the 19,320 square mile District of Algoma. Sault College is set in a district of lakes, rivers and mountains and the area is rich in natural resources. College programs, such as geology, forestry and construction engineering, reflect the college's concern for the natural resources of the environment.

The college also has strong business and arts programs covering wide areas of interest from hotel management to secretarial science and computer technology.

The Continuing Education Division of the college also offers a wide range of courses, not only in Sault Ste. Marie, but also on the college's satellite campuses at Elliot Lake, Wawa and at seventeen other locations throughout the Algoma district.

The college has a strong relationship with the city of Sault Ste. Marie. Fifty percent of the college's students, however, come from outside the city, from all over Ontario and, indeed, from all over Canada. To better meet the needs of these students the college will have a Student Residence Complex, capable of housing 150 students, available for the academic year 1975-76.

Sault College graduates are welcomed throughout Canada and in the past few years the college has placed 95% of its graduates in a field related to their training. The college is proud of its programs and of the success of its graduates who are employed in business and industry across the country.

Enrolment 1974-75
Full-time post-secondary 1,000
Continuing education 5,800
Total 6,800

Library
Sault College has some 25,000 volumes in its library facilities.

Campus Locations
443 Northern Avenue
Sault Ste. Marie

550 Queen Street West
Sault Ste. Marie

11 Mackey Street
Wawa

Newfoundland Walk
Elliot Lake

General Requirements for Admission
An Ontario Secondary Graduation Diploma is the normal requirement for admission to all post-secondary programs at Sault College. Persons wishing to apply as mature students should contact the Registrar for further information.

• **Programs Offered**

Applied Arts
Two and Three-Year Diplomas
Art (majors in advertising art, fabric/fibre design, painting, pottery, printmaking).

Two-Year Diplomas
Early childhood education, general arts and science, journalism, mental retardation counsellor.

Health Sciences
Two-Year Diploma
Nursing. (See health sciences section.)

Business
Three-Year Diploma
Business administration.

Two-Year Diplomas
Accounting, business and marketing management, electronic data processing, hotel and restaurant management, real estate and general insurance, secretarial science (executive, legal, medical).

One-Year Diploma
Technical administration.

One-Year Certificate
Chef training.

Technology—Mechanical/Electrical
Three-Year Diplomas
Electrical technology, electronics technology, mechanical technology.

Two-Year Diplomas
Aviation technology and pilot training, electrical technician, electronics technician, mechanical drafting technician, mechanical technician.

One-Year Certificates
Machine shop, welding and fabricating.

Technology—Engineering and Apprenticeship (Mechanical)
Two-Year Diplomas
Architectural drafting technician, civil engineering technician, construction technician, motive power technician.

One-Year Certificate
Heavy equipment diesel.

Technology—Science and Resources Engineering
Three-Year Diploma
Medical laboratory technology.

Third Year Diplomas
Fish and wildlife technology, forest recreation technology.

Two-Year Diplomas
Forestry technician, geology technician, industrial chemistry technician.

Special Admission Requirements
As previously stated, normal requirements for admission to post-secondary programs at Sault College include the OSSGD. The Board of Admissions, however, stipulates particular requirements in addition to, or as part of, the OSSGD in the case of certain programs.

These requirements are: Nursing—two year 4 science options (chosen from chemistry, biology, physics, human anatomy, physiology; one in chemistry strongly preferred), four English credits, two mathematics credits, and an interview. Mental retardation counsellor and early childhood education—an interview. Business administration, electronic data processing, business and marketing management, real estate and general insurance, hotel and restaurant management—mathematics at year 2 of the general level (two credits). Technical administration—a technician or technology diploma from an Ontario CAAT, or equivalent. Mechanical technician/technology, mechanical drafting technician, electrical technician/technology, electronics technician/technology—mathematics at year 4 of the general level (four credits) plus year 3 or year 4 physics of the general level. Motive power technician, heavy equipment diesel, machine shop, welding and fabricating—mathematics at year 2 of the general level (two credits). Fish and wildlife technology, forest recreation technology—a Forest Technician Diploma from an Ontario CAAT, or equivalent. Forestry technician, geology technician, industrial chemistry technician, construction technician, civil engineering technician, architectural drafting technician—mathematics at year 4 of the general level (four credits). Aviation technology and pilot training—English, mathematics and physics at the senior level (year 3 or year 4).

Applicants should request more detailed information.

Retraining
College preparatory levels and skill prerequisites are available through upgrading or academic development studies for students who lack specific prerequisites.

Apprenticeship
Cook training, electrical construction, hairdressing, motor vehicle, plumbing, steamfitting.

Continuing Education Program
A wide variety of credit and non-credit courses are offered in addition to supervisory and management courses and industrial training courses.

The former OMRP academic upgrading and retraining courses are also offered through the college. Other courses and programs can be arranged if sufficient interest is shown.

Summer Programs
A wide variety of courses are offered through Continuing Education.

Counselling Services
The college maintains a Counselling Centre staffed by two qualified counsellors to provide students with confidential assistance with their personal and academic problems.

Student Placement Services
A full-time Student Placement Officer is available to assist students in obtaining employment on graduation and also in obtaining part-time employment.

Student Awards
Full-time students may be eligible for loan-grant assistance through the Ontario Student Assistance Program. Part-time students can apply for provincially guaranteed loans or, if needy, for an Ontario Special Bursary. (See introductory section on financial aid for students.) Some college bursaries are also available. An emergency loan fund is operated by the college.

Living Accommodation
By September 1975, on-campus residences for 150 students will be available. Rooming and boarding facilities are also readily available in the area.

Further Inquiries
Additional information is available by contacting
Registrar
Sault College of Applied Arts and Technology
P.O. Box 60
443 Northern Avenue
Sault Ste. Marie, Ontario P6A 5L3
Telephone (705) 949-2050

Seneca College of Applied Arts and Technology

North York, York Region

President: W. T. Newnham

Seneca is one of Ontario's most progressive community colleges—a multi-campus institution serving Metropolitan Toronto, the Borough of North York, and the Region of York to the north of the metropolitan area. Its student body is drawn from an area in which one-tenth of the province's population resides. Other students are attracted to Seneca from many parts of Ontario and Canada, and from other countries of the world.

Of Seneca College's five campus locations, four are in the Borough of North York; the Finch Campus at 1750 Finch Avenue East; the original Sheppard Campus location on Sheppard Avenue near Yonge Street; its School of Nursing (Leslie Campus) at the intersection of Sheppard Avenue and Leslie Street; and its newest location, the Lawrence Campus, on Lawrence Avenue West, near Jane Street. Seneca's King Campus is located on a 696-acre site in York Region, about 13 miles north of Metro Toronto, just west of Aurora. The unique environment of Seneca King includes rolling hills, wooded parkland, an operating farm, and a large lake.

At Seneca's Finch Campus, the college operates an 1,100-seat auditorium, a studio theatre, a planetarium, a year-round ice arena and a sports centre containing a triple gymnasium, as well as other facilities available to the entire community. Outdoor facilities include a football/soccer field and tennis courts. The college's aviation and flight technology program utilizes Buttonville airport a few miles north of the Finch Campus.

Nearly 100 diploma and certificate courses and hundreds of individual subjects are available during the day or in the evening. Full-time day students may take courses in applied arts, business, computer studies and engineering technology—programs which are augmented by additional subjects in liberal studies, English and communications. Last year, over 90% of Seneca's graduating students found employment in the field in which they were trained.

Seneca has been a pioneer in mobile learning; the college's MILE (for Mobile Intensive Learning Experience) offers travel across Canada and overseas during which students earn academic credits in professional subjects, liberal studies, English and communications.

Seneca College offers the following programs which are unique in Ontario: Civil engineering technology (marine option), cosmetics sales, electronic technology (marine option), electronic techniques (avionics option), fire protection technology, coaching techniques, international business, mechanical technology (marine option), pharmaceutical chemical technology, resources engineering technology (marine option).

The King Campus's unique programs are: College vocational program, flight services, historical/natural interpretive services, underwater skills, visual arts, and instructor training.

Opportunities are available for year 5 graduates, with specific credits, to complete a three-year diploma in two years, in business, computer studies and engineering.

Learning Resources
Each campus has excellent library facilities. The total collection includes 70,000 books, 1,100 films, numerous periodicals and audio-visual hardware.

Enrolment 1974
Full-time day diploma 4,650
Continuing education 8,400
Occupational training 1,100
Business and industrial training 13,000 per year
Conference centre 4,000 per year

General Requirements for Admission
The basic requirement for admission to a two or three-year course is successful completion of year 4 of any four or five-year secondary school program or the accumulation of 27 credits in an ungraded system. Applicants with equivalent standing to Ontario requirements will be considered.

Applicants who have attained the age of 19 years on or before the date of commencement of the program may be considered for admission as mature students following a personal interview with the Director of Admissions.
Note: Those programs with selective admission requirements or specific subject prerequisites are indicated with the extra requirements following the program description (except for Occupational Training, for which complete admission requirements are shown).

- **Programs Offered**

Applied Arts
Three-Year Diploma
College vocational program.
Special Admission Requirements: Candidates must have successfully completed a three-year high school vocational program, be recommended by the principal and staff, and be age 17 during the first year of the course.

Design arts.
Special Admission Requirements: College testing and interview; credits in art or drafting desirable.

Fashion arts (options in fabric, fashion and visual merchandising, production/design—men and youths, women and girls). Recreation facilities administration.
Special Admission Requirement: College interview.

Two-Year Diploma
Applied communications (options in print media and broadcasting).
Special Admission Requirements: Year 4 credit in English, college interview.

Audio-visual techniques, cosmetics sales, design illustration (options in graphic techniques and model building).
Special Admission Requirements: College interview and testing, credits in art or drafting desirable.

Early childhood education.
Special Admission Requirements: College questionnaire and interview, tuberculin test and chest x-ray. Credits in English desirable.

Fashion merchandising.
Government operations (administration, real property and assessment).
Special Admission Requirement: Year 4 credit in mathematics and English desirable.

Government operations—law administration.

Coaching techniques (options in gymnastics, figure skating, diving and synchronized swimming).
Special Admission Requirements: Competitive and teaching experience in the sport of your choice, college interview.

Law enforcement.
Special Admission Requirement: College interview.

Library techniques.
Special Admission Requirement: College interview. Year 4 credit in English.

Leadership training in visual arts.
Special Admission Requirements: Portfolio and college interview.

Recreation facilities management.
Special Admission Requirement: College interview.

Research techniques.
Special Admission Requirement: Year 4 mathematics desirable.

Social services.
Special Admission Requirements: College essay and interview. Year 4 English desirable.

Historical/natural interpretive services, outdoor recreation education technician (proposed), parks technician (proposed).
Special Admission Requirement: College interview.

Visual arts instructor training.
Special Admission Requirements: College interview and portfolio presentation.

One-Year Certificates
Cosmetics sales.

Flight services.
Special Admission Requirements: College interview. Credits in French desirable.

Business
Three-Year Diplomas
Accounting and finance, business administration, international business, marketing administration, tourist industry administration.
Special Admission Requirement: Year 4 English and mathematics credits desirable.

Two-Year Diplomas
Accounting, general business, marketing, retailing.
Special Admission Requirements: Year 4 credits in English and mathematics desirable.
Secretary (executive, legal, medical).
Special Admission Requirement: Year 4 English.

One-Year Certificate
Medical dicta-typist.
Special Admission Requirements: Minimum typing speed 45 wpm and year 4 English.

Computer Studies
Three-Year Diploma
Computer programming and analysis.
Special Admission Requirements: Year 4 credits in English and mathematics desirable.

Two-Year Diploma
Electronic data processing.
Special Admission Requirements: Year 4 credits in English and mathematics desirable.

Engineering Technology
Three-Year Diplomas (Eight Semesters)
General engineering technology (pre-aviation and flight technology).
Special Admission Requirements: Year 4 credits in mathematics and chemistry, year 3 credit in physics. Candidates should request detailed information concerning entrance requirements.

Three-Year Diplomas
Chemical technology, civil technology (marine option), electronic technology (including communications and power options), fire protection technology, mechanical technology, resources management technology.
Special Admission Requirements: Year 4 credits in mathematics and chemistry, year 3 credit in physics.

Laboratory technology (including electron microscopy option), pharmaceutical chemistry technology.
Special Admission Requirements: Year 4 credits in mathematics and chemistry, year 3 credits in biology and physics.

Two-Year Diplomas
Biological laboratory techniques, life-sciences research techniques.
Special Admission Requirements: Year 4 credits in mathematics and chemistry, year 3 credit in biology.

Cartographic techniques.
Special Admission Requirements: Year 4 credit in mathematics, physics and chemistry desirable. Satisfactory stereoscopic vision and proof of no color blindness.

Civil engineering techniques, electronic techniques (including communications and avionics option), mechanical drafting techniques, resources management techniques.
Special Admission Requirements: Year 4 credit in mathematics, year 3 physics and year 4 English desirable.

Industrial chemistry techniques, pollution control techniques.
Special Admission Requirements: Year 4 credits in mathematics, chemistry and year 3 physics.

Industrial diving techniques (proposed).
Special Admission Requirements: Year 4 mathematics and chemistry, year 3 physics. Preference will be given to experienced divers. College interview.

One-Year Certificate
Underwater skills.
Special Admission Requirements: Year 4 mathematics and chemistry, year 3 physics. Preference will be given to experienced divers. College interview.

Health Sciences
Two-Year Diploma
Nursing.
This two-year program leads to an award of a Diploma in Nursing and, upon successful completion of the examination set by the College of Nurses, certification as a Registered Nurse.
Special Admission Requirements: Ontario Secondary School Graduation Diploma which must include a minimum of year 2 mathematics and at least two of the following senior level sciences—chemistry, biology, physics. Chemistry and biology is the recommended combination. Year 4 English is desirable. College questionnaire and interview. (See health sciences section.)

One-Year Certificate
Dental assistant.
Special Admission Requirements: College interview. Biology and chemistry at the senior level desirable.

Continuing Education
Diploma level study and certificates, special interest subjects, and college preparatory courses are offered.

Diplomas
Accounting and finance, business, computer studies, early childhood education, fashion techniques, law enforcement (law enforcement personnel only), library techniques, marketing, municipal clerks and treasurers, rehabilitation/counselling, social services.

Certificates
Accounting, building environment (options in design and systems), business, computer programming/operations, credit management, electron microscopy, fire safety, law enforcement, marketing, medical dicta-typist, pesticides (options in land and structural), secretary (options in legal, executive, medical), welding.

Occupational Training
College preparatory program—Semester 2.
Admission Requirement: Year 2 completed.

College preparatory program—Semester 1.
Admission Requirement: Grade 8 completed.

Electronics—radio, TV servicing.
Admission Requirement: Year 2 (year 4 graduate preferred).

Electrical distribution sales.
Admission Requirements: Year 2. Desirable background—science, technology and trades experience, drafting and electricity.

English as a second language.
Admission Requirements: 18 years of age. Canadian citizenship or landed immigrant status.

Machine shop.
Admission Requirement: Year 2

Commercial clerical.
Admission Requirement: Grade 8.

Commercial refresher.
Admission Requirements: Completion of a full commercial course and relevant experience.

Commercial accountancy.
Admission Requirements: Year 2. Demonstrated aptitude for accounting.

Dining room service.
Admission Requirements: Open. Ministry of Health clearance.

Clerk typist
Admission Requirements: Year 2. Typing skill preferred.

Commercial stenographic—year 2, bookkeeping and business machines.
Admission Requirements: Year 2. Demonstrated aptitude for bookkeeping.

Typing, general office.
Admission Requirements: Clerical experience, fluency in English, both written and oral.

Counselling Services
Counselling centres are located at all five campuses with staff available in the day and some evenings to provide students with confidential assistance in career planning, admission information, program selection and personal matters.

Student Placement Service
A Placement Office is located at the Finch Campus for all students, where assistance is offered in obtaining employment for prospective graduates and part-time work for registered students. On-site recruitment by prospective employers is arranged each January and February for graduating students.

Student Awards
A Student Awards Office is located on all campuses to serve students within the college. Registered full-time students may be eligible for loan-grant assistance under the Ontario Student Assistance Program. Part-time students can apply for provincially guaranteed loans or, if needy, for an Ontario Special Bursary. See the introductory section on financial assistance to students for further details. Information concerning scholarships and bursaries is available from the Awards Office.

Living Accommodation
A housing registry is maintained on each campus. Leslie Campus has a nurses' residence (unused rooms may be rented by students of other campuses). For information on the Leslie residence, telephone the Leslie Campus.

Sports
A comprehensive varsity and intramural sports program is offered for all students at each campus.

Further Inquiries
Additional information is available by contacting the college.
Finch Campus
Admissions Office
1750 Finch Avenue East
Willowdale, Ontario M2N 5T7
Telephone (416) 491-5050 ext. 395 or 396

King Campus
Admissions Office
Dufferin Street North
R.R. 3
King City, Ontario L0G 1K0
Telephone (416) 884-9901

Sheppard Campus
Admissions Office
42 Sheppard Avenue East
Willowdale, Ontario M2V 2Z8
Telephone (416) 223-9661

Lawrence Campus
Admissions Office
1750 Lawrence Avenue West
Toronto, Ontario M6L 1C7
Telephone (416) 249-3335

Leslie Campus (Nursing)
Admissions Office
1255 Sheppard Avenue East
Willowdale, Ontario M2K 1E2
Telephone (416) 494-8900

Sheridan College of Applied Arts and Technology

Oakville

President: John M. Porter

Opened in 1967, Sheridan serves the two growing regional municipalities of Halton and Peel, immediately west of Metro Toronto. Sheridan stresses the preparation of students for employment in their field of study whether it be business, technology, health sciences, arts or services.

Sheridan makes available more than 70 programs in 11 different areas or divisions, for all persons of all ages. Part-time students are also invited to register in courses offered at Sheridan during the day. Part-time students are welcome, whether their reason for registering is to accumulate credits toward a diploma or simply to explore an area of interest.

The college has four campuses serving full-time students, and four community services campuses which provide evening and day-time interest and credit courses, workshops and seminars, retraining programs and management development and training programs. Unique at Sheridan are the School of Design in Mississauga, the only crafts school of its kind in Ontario; and the Heavy Equipment School in Milton, the only one in the province.

Enrolment 1974-75
Full-time 3,637
Part-time day 335
Continuing education 14,171
Management development and training 4,120
Retraining 1,633
Total 24,396

General Requirements for Admission
Students wishing to enrol in one, two or three-year programs at Sheridan College must have a secondary school graduation diploma. Applicants who are 19 years of age on or before the date of commencement of the program will be considered for admission as mature students. Many programs have special requirements in addition to those outlined above. Prerequisite subjects, aptitudes, portfolio assessment or an evaluation of talent through a personal interview may be required for admission to some college programs.

Campus Locations
Oakville Main Campus
Trafalgar Road
Oakville, Ontario L6H 2L1

Special programs:
Animation, a three-year program, the only one of its kind in North America; art fundamentals, a one-year certificate program for students with no formal art background; art education, a three-year co-operative program between Sheridan and Erindale College (University of Toronto) which provides students with academic background and practical training which is necessary for teaching art in Ontario schools. Graduates receive a Bachelor of Arts degree from Erindale and a diploma from Sheridan. Programs in Canadian nanny and part-time family day care are offered through the School of Applied and Liberal Studies. Also unique at Oakville are the two-year athletic training and management program, illustration option, media arts (cartooning, theatre and music theatre electives), fashion technique and design (options in knits, dress and theatrical crafts and design), institutional management.

Brampton Campus
98 Church Street East
Brampton, Ontario L6V 1G6

Special programs:
Creative design (elective in general arts and science), the combination of artistic talent with technical skills, and photographic science. Also unique are garden centre merchandising, marina operations, co-op retailing which combines theory and practice, and animal care.

Lorne Park Campus
School of Design
1460 South Sheridan Way
Mississauga, Ontario L5H 1Z7

Special program:
Three-year crafts and design (studio options in metals and jewelry, ceramics, glass, furniture and woodworking, fabrics and textiles).

Credit Valley Campus
School of Nursing
2186 Hurontario Street
Mississauga, Ontario L5B 1M9

Oakville South Campus
216 Lakeshore Road East
Oakville, Ontario L6J 1H8

Heavy Equipment School
R.R. 3
Milton, Ontario L9T 2X7

Special program:
Post-secondary program in heavy equipment construction techniques (options in heavy equipment operator, heavy equipment operator and serviceman, parts coordinator, project office manager).

Burlington Campus
2289 Fairview Avenue
Burlington, Ontario L7R 2E3

Mississauga Campus
1 Port Street East
Mississauga, Ontario L5G 4N1

• Programs Offered

Brampton Campus

Applied and Liberal Studies
Two-Year Diplomas
Early childhood education, general arts and science (electives in liberal studies and "children: our challenge"), hotel and restaurant administration, retail management arts.

One-Year Certificates
Animal care, garden centre merchandising, marina and recreational facilities management, travel counsellor.

Business and Secretarial Studies
Three-Year Diploma
Business administration.

Two-Year Diplomas
Business, co-op retailing, secretarial (executive, legal, medical options).

One-Year Certificate
Intensive secretarial.

Technology
Three-Year Diplomas
Computer science (first year only), engineering technology (options in chemical, electrical/electronic, and mechanical engineering).
Special Admission Requirements: Applicants to these programs are required to have standing in year 4 mathematics and chemistry and year 3 physics.

Two-Year Diplomas
Technician programs in construction, creative design (general arts and science), electronics, engineering drafting, photographic science.
Special Admission Requirements: Applicants to the chemical laboratory program are required to have standing in year 4 mathematics and chemisty and year 3 physics. In addition, engineering drafting, construction technician, electronics technician and mechanical technician programs require applicants to have year 4 math and year 3 physics.

One-Year Certificate
Home appliance service technician.

Oakville Campus
Applied and Liberal Studies
Two-Year Diplomas
Canadian nanny, community planning, correctional worker, early childhood education (Montessori or nursery option), general arts and science (electives in "children: our challenge", community resources, liberal studies), institutional management, instructional techniques (audio-visual technician, instructional technician), library techniques, library techniques for health science, research techniques, retail management arts (antiques management elective), security and law enforcement social service worker, transportation planning.
There are proposed programs in retail management arts (bookseller elective) and packaging.

One-Year Certificates
Family day care (mature women), modelling, travel counsellor.

Business and Secretarial Studies
Three-Year Diploma
Business administration (accounting and finance, corporate administration, marketing management, traffic management and distribution options).

Two-Year Diplomas
Business (accounting, automotive marketing options, marketing, retail management, general secretarial, secretarial (executive, legal, medical options).

One-Year Certificates
Intensive retailing, intensive secretarial.

Communications
Direct entry into second year of journalism or advertising is offered to graduates of business, fashion, general arts, graphic design, media arts, photography, secretarial.

Two-Year Diplomas
Community journalism, practical advertising.
Special Admission Requirements: Generally an interview is required for all applicants. Students should have better than average ability in written expression.

Computer Studies
Three-Year Diplomas
Business computer systems, computer science technology.

Two-Year Diploma
Electronic data processing.

English and Media Studies
Two-Year Diplomas
Media arts (fundamentals one-year), media arts (cartooning and graphic story arts, music theatre electives, theatre arts).
Special Admission Requirement: Personal interviews are advisable.

General College
Two-Year Diplomas
Athletic training and management, merchandising.

Technology
First year engineering technology with options in chemical, computer science, electronics/electrical, mechanical, quality control (one year).

Visual Arts
Three-Year Co-operative Program
Art education offered in conjunction with Erindale College (University of Toronto).

Three-Year Diplomas
Classical animation, graphic design, (graphic design/illustration option).

Two-Year Diplomas
Applied photography, fashion technique and design (dress, knits, theatrical crafts and design options).
Special Admission Requirements: Visual arts students are usually required to have formal art training in secondary school or are required to submit a portfolio for assessment or have an evaluation of talent through a personal interview. For dress or knit design options, some creative talent and an art or craft background are advised. For theatrical crafts and design, successful completion of one year at Sheridan College or any post-secondary institution in creative art, fashion, drama or stagecraft is required.

One-Year Certificate
Art fundamentals.

Special Third-Year Programs
Applied photography, fashion technique and design.

Mississauga Campus School of Design
Three-Year Program
Crafts and design (studio options in ceramics, fabrics, furniture, glass, jewelry and metal).
Special Admission Requirements: Applicants must submit a portfolio and have a personal interview.

Credit Valley Campus
Two-Year (six-semester) Diploma
Nursing.
Special Admission Requirements: OSSGD with two science courses at the senior level of study (year 3 or above) in chemistry, physics or biology. An interview is also required to determine the suitability of the applicant for the program. (See health sciences section).

One-Year Certificates
Modelling, travel counsellor.

Milton Campus
One-Year Certificate
Heavy equipment construction techniques.

Community Services
The aims of Community Services are to make the human and physical resources of the college available to as many people in the community as possible and to work with other community groups toward desirable social and educational goals. To meet these aims Community Services has the following divisions:

Continuing Education
Offers a wide variety of credit and special interest courses, as well as workshops and seminars at the four regular day-time campuses. In addition, there are special Continuation Campuses to meet the special needs of people in Burlington and Mississauga. Credit courses may lead to the granting of certificates and/or diplomas.

Management Development and Training
Works with industry to provide in-plant courses to upgrade the knowledge and skills of employees. The costs are shared by the college and the industry concerned. While the bulk of the management development courses are aimed at developing management skills at the level of first line supervisors, seminars and workshops for middle and upper management are also available.

Retraining
Sets up programs to give students saleable skills and eventual employment. The Oakville South Campus offers commercial courses in typing, stenography and accounts, English as a second language, and a college entrance program. At Milton, the Heavy Equipment School has programs in heavy equipment operator, heavy equipment operation and servicing, pipeline welder, and sideboom operator. At Brampton there is a program in quality control.

Counselling Services
Full-time professional counsellors are employed by the college to assist prospective and current students with career planning, academic concerns, personal and other matters. Confidential discussions can be arranged by calling the Counselling Office at the Brampton, Oakville, Mississauga or Credit Valley Campuses.

Library
The college libraries offer a rapidly expanding selection of modern texts, periodicals, and audio-visual material. The libraries at the Oakville Campus include a business and general collection in the main library, an extensive art collection in the School of Visual Arts, and resource centres in the Schools of Applied and Liberal Studies and Business and Secretarial Studies. Brampton's library serves technology and science students and the library at the School of Design in Mississauga carries a variety of materials for design and crafts students. Unique to each library is a Career Information Centre.

Student Placement Service
The Student Placement Service at Sheridan College arranges to publicize widely the availability of Sheridan graduates to prospective employers, and to inform students of full-time, part-time, and summer employment opportunities. On-campus interviews are held in late January and early February. Literature relating to employment, such as employers' literature or advice on how to job hunt and how to prepare for an interview, is available from the Placement Office.

Student Awards
Students wishing to attend Sheridan College, but who lack adequate family financial resources, may apply for loan-grant assistance through the Ontario Student Assistance Program. Part-time students can apply for provincial loans or bursaries. For further details, see the introductory section on financial aid for students.

Sheridan presents awards and prizes to students in recognition of outstanding academic achievement. Most of these awards are donated by business and industry. Students are automatically considered for these awards and do not have to apply.

Accommodation
The School of Design Campus and the Credit Valley Campus, both in Mississauga, provide student housing. Although housing is considered to be primarily the student's own responsibility, the college assists by maintaining a housing registry which lists suitable housing in private homes or apartments in the college campus area. The registry also contains maps, transportation schedules, and other information which will be of use to students in their search for accommodation.

Sports
A portion of the student activity fee paid at the time of registration supports the athletic programs offered at various on and off-campus locations. The college's rapidly expanding Athletic and Recreation Department is divided into three distinct areas: Varsity sports, intramural sports and recreational services, and leisure time activities. Sheridan operates its own exercise room and sauna, tennis courts and track and field.

Additional Costs
Certain programs may require additional costs from $10 to $1,500. Please consult the college calendar or phone for more information.

Further Inquiries
Please contact
Registrar or Information Services
Sheridan College of Applied Arts and Technology
Trafalgar Road
Oakville, Ontario L6H 2L1
Telephone
(416) 845-9430 (Oakville)
(416) 362-5861 (Toronto)
(416) 632-7081 (Burlington)

Sir Sandford Fleming College of Applied Arts and Technology

Peterborough

President: D. B. Sutherland

Although best known provincially for its forestry and other natural resources programs, Sir Sandford Fleming College has several others of unique interest to both students and employers, including electro-mechanical technology, tourism and transportation, recreational vehicles-marina management, and fine arts administration.

Sir Sandford Fleming College is located in the heart of the Kawartha Lakes region, with campuses in Peterborough, Lindsay and Cobourg, in addition to a summer campus overlooking Head Lake in Haliburton Village, which is the home of the Haliburton School of Fine Arts. The Natural Resources Division is located on the Lindsay Campus. At both Peterborough and Cobourg programs are offered in Applied Arts, Business and Technology.

While it is not the largest college in terms of total enrolment, Sir Sandford Fleming attracts a larger percentage of students from its population base than any other Ontario college, and places heavy emphasis on laboratory work, field placement, and co-operative training.

Library
The library has facilities at each of the campus locations. It holds a total collection of 550 periodicals and over 18,000 volumes.

Enrolment 1974-75
Day programs 1,929
Continuing education 8,000
Total 9,929

• Programs Offered

Peterborough Campus

Business
Three-Year Diplomas
Business administration (business computer systems, financial management, marketing management, and general options), tourism and transportation (stresses a broad understanding and developmental view of the total field).
Admission Requirements: Year 4 of an Ontario Secondary School Honour Graduation program with English (year 4) and mathematics (years 3 and 4). Applicants with an OSSGD and outstanding success in English and mathematics may also be considered. Out-of-province and mature students will be considered on their merits (testing may be required). Exceptional students with an OSSHGD may enter the second year of the program upon successful completion of pre-admission courses offered during a four-week period in August.

Two-Year Diplomas
General business (accounting, data processing, marketing and merchandising, general options), recreational vehicles-marina management (combining business and mechanical aspects of the industry), secretarial science (specializations in executive, legal, medical, technical).
Admission Requirements: OSSGD with standing in year 4 mathematics. Out-of-province and mature students will be considered on their merits (testing may be required). Mathematics is not required for secretarial programs.

One-Year Certificate
Retail sales (development of merchandising and selling skills leading to careers in the various functional areas of a retail operation).
Admission Requirements: OSSGD or mature student status.
Secretarial (executive, legal, medical, scientific).
Admission Requirements: OSSGD with 50 wpm typing and 80 wpm shorthand.

General and Applied Arts
Two-Year Diplomas
Art conservation techniques, early childhood education, educational resources technician, fine arts administration, general arts and science, home economics, law and security administration, recreation leadership, social services.
Admission Requirement: OSSGD. Mature students will be considered on their merits (testing may be required). Interview, age and physical requirements are considered for some programs.

Technical
Three-Year Diplomas
Civil, electro-mechanical and electronic (computer) technology.
Admission Requirements: OSSHGD or equivalent, with credits in mathematics, English and physics or chemistry. Students with an OSSGD, with credits in mathematics, English and physics or chemistry will be considered on an individual basis. Students with an OSSHGD, with year 5 calculus, English, physics, and chemistry may enter the second year of the program upon successful completion of pre-admission courses offered during a two or three-week period in August.

Two-Year Diplomas
Audio-visual, construction engineering, electrical, electronics, engineering drafting, laboratory, manufacturing (industrial engineering and mechanical options), photographic sales, technician programs.
Admission Requirement: OSSGD with English, mathematics and a science.

One-Year Certificates
Industrial maintenance mechanic, materials testing technician, and technical assistant programs.
Admission Requirements: OSSGD with English, mathematics and a science. All applicants are treated on an individual basis, so that students in special circumstances will be considered.

Lindsay Campus

Natural Resources
Three-Year Diploma
Thematic cartography.
Admission Requirements: OSSGD with year 4 mathematics and English.
Fish and wildlife technology, forest recreation technology, forest technology, geological technology.
Admission Requirement: Appropriate technician diploma.

Two-Year Diplomas
Farm management, fish and wildlife technician, forest technician, general arts and science, geological technician, heavy equipment technician.
Third year option is available for fish and wildlife technician, forest technician, and geological technician.
Admission Requirements: OSSGD from any program with mathematics and English.

Cobourg Campus

General and Applied Arts
Two-Year Diploma
General arts and science.

Business
Three-Year Diploma
Business administration (business computer systems, financial management, labour management relations, marketing management, general options).

Two-Year Diplomas
General business (accounting, data processing, marketing, merchandising, general options), secretarial (specializations in executive, legal, medical, scientific).
Admission Requirements: For admission requirements for all courses offered at the Cobourg Campus, please see admission requirements for related programs at the Peterborough Campus.

Haliburton School of Fine Arts
For registration and information please write to the Haliburton School of Fine Arts, P.O. Box 339, Haliburton, Ontario K0M 1S0.

Brealey Campus

Health Sciences
Two-Year Diploma
Nursing.
The nursing program is planned over a two-year period. Graduates can qualify for Registered Nurse certification in the province of Ontario. Trends in health care provided in acute care settings and extended care facilities are reflected throughout the program, concurrent with nursing theory. Clinical assignment is provided in a number of community agencies, as well as in the acute care settings of general hospitals. (See health sciences section.)

Graduates of this program are prepared to practice nursing in first level staff nurse positions, for which the basic requirement is certification as a Registered Nurse.

Further information should be requested from the Nursing Division, Sir Sandford Fleming College, Brealey Campus, Peterborough, Ontario K9J 7B1.

Programs Considered for 1975-76.
Animal care technician, drilling and blasting techniques, electrical technology, equestrian schooling and management, floristry, lumber grader, materials testing technician, mental retardation counsellor, millwright, resource survey technician, sawyer, taxidermy.

Continuing Education
Sir Sandford Fleming College has comprehensive continuing education programs in applied arts, business and technical areas. Not only do these programs lead to diplomas or certificates at levels similar to the day-time programs, but they also provide an important contribution to the professional development of the student's career.

Many non-credit subjects of general interest to the community are offered in Peterborough, Lindsay and Cobourg. Fine arts programs are available through the Peterborough Fine Arts Summer School.

Inquiries should be directed to the Continuing Education Division, Sir Sandford Fleming College, Peterborough, Ontario K9J 7B1. Telephone (705) 743-5624, extension 40

Retraining Division
The Retraining Division maintains the emphasis on the individual student. The academic upgrading program and commercial training programs are presented in individual learning packages. This allows the student to begin a program on any day that the college is open and to progress at his or her own rate.
The Division offers a variety of programs such as:
(a) Basic training for skill development—from semi-literacy to college entry.
(b) Commercial training—accounting, clerical, clerk-typist, dicta-typist, refresher, stenographic, teller cashier.
(c) Technical—general carpentry, industrial orientation, machine shop, marine and small powered equipment mechanics, welder fitter.

Counselling Services
The college maintains a full-time Counselling Centre with qualified counsellors to provide students with confidential assistance in their personal problems.

Student Placement Services
A full-time Student Placement Officer is available to assist students in obtaining employment on graduation and also in obtaining part-time employment.

Students Awards
Full-time students may be eligible for loan-grant assistance under the Ontario Student Assistance Program. Part-time students can apply for provincial bursaries or loans. For details, see the introductory section on financial aid for students. Some Ontario and college bursaries are also available. For further information, please contact the Awards Officer, Sir Sandford Fleming College, Peterborough, Ontario K9J 7B1.

Living Accommodation
Residence accommodation is not available at the college. However, room and board facilities are available in the area.

Further Inquiries
For further information on admission requirements and programs offered, please contact the
Director of Admissions and Student Records
Sir Sandford Fleming College
Brealey Drive
Peterborough, Ontario K9J 7B1
Telephone (705) 743-5610

Information on student financial assistance may be obtained from
Student Awards Officer
Sir Sandford Fleming College
Brealey Drive
Peterborough, Ontario K9J 7B1

General Admission Requirements of Ontario Universities

Admission to Bachelor and First Professional Programs at University
In general, universities require an average of 60% or better in the subjects counted toward the Ontario Secondary School Honour Graduation Diploma (year 5). Some universities may consider applications from students with averages below 60%. Students should be aware, however, that possession of the minimum admission requirements does not guarantee admission; that applicants with good standing are more readily accepted than students with a borderline standing; and that for certain programs with limited enrolment, an average of 70% to 80% or more may be required.

Course Prerequisites
Specific year 5 subject requirements vary according to the university and area of study selected. These are listed for each university under the appropriate degree program but as the admissions information has been confirmed only for the current year, students are advised to check with their guidance counsellors concerning any possible changes in subject requirements affecting the 1976-77 academic year.

Early Acceptance
Early acceptance to university may be offered to students before the end of the school year on the basis of interim year 5 marks, year 3 and year 4 marks, and the principal's recommendation, on condition that they maintain their standing and complete their year successfully.

Application Procedure to Enter an Ontario University
A student planning to enrol in any year at an Ontario university in 1976 will submit an application through the
Ontario Universities' Application Centre
Box 1328
Guelph, Ontario N1H 6N8
Telephone (519) 823-1940

The centre will receive and record applications, admissions decisions by the universities, and student acceptances of offers of admission. Applicants are divided into two separate streams for processing:

(a) Secondary school applicants—those now enrolled in full-time Ontario year 5 programs in accredited secondary or private schools. Secondary school applicants also include students from night schools.

(b) Other applicants—applicants not now enrolled in Ontario secondary schools, including adult applicants, applicants who previously obtained year 5, correspondence school applicants and applicants from other provinces and countries.

The application procedure will operate as follows:

Applicants currently enrolled in Ontario Year 5

The centre will preprint a personalized application form for those applicants currently enrolled in Ontario year 5 who have indicated when they register in September that they intend to apply for university admission. The forms will be prepared from information obtained from the Ministry of Education's file.

A supply of application forms will also be sent to the schools for any applicants who may not have received the personalized forms, or who are in year 4 or in night school. The application form will be submitted to the principal for the completion of the year 3 and year 4 course data. The principal will forward the completed form to the centre. These forms will be processed by the centre and sent to appropriate universities. The centre will also obtain the recommended interim year 5 marks directly from the secondary schools.

Other Applicants

Other applicants should obtain application forms from the universities of their choice. An applicant may submit to the centre up to three choices of universities. The applicant will complete the form and send it to the centre with an application fee. The centre will process the application and forward it to the university. The applicant will arrange to have supporting academic documents forwarded directly to the university.

University Decision on the Applicant

The university, when it makes an offer of admission to the applicant, will include a response document which the applicant will complete and return to the centre. The applicant cannot accept more than one offer of admission. The centre will process the response and notify the one university of acceptance and the other universities of the refusal of their offers.

Clearing Process

If applicants receive a refusal of admission from the university of their choice, they may add a new university and have their application reviewed by this university.

For further information, contact
Ontario Universities' Application Centre
Box 1328
Guelph, Ontario N1H 6N8
Telephone (519) 823-1940

Schedule of Important Dates

October 1, 1975
Regular Application Form (OUAC 105) available at universities for other applicants not currently registered in a secondary school in Ontario year 5.

November 17, 1975
Application Form (OUAC 101) for applicants currently registered full-time in Ontario year 5, preprinted and sent, via the principal, to students who indicated on the Ontario year 5 registration their intention of enrolling in an Ontario university. Blank application forms will also be available.

December 31, 1975
Application Form (OUAC 101) with year 3 and year 4 course data to be returned by the school to the centre.

January 26, 1976
Acknowledgment/Amendment Form (OUAC 107) sent to applicant via the secondary school.

February 23, 1976
Request for Grades for Early Admission Form (OUAC 102) sent to the secondary schools.

April 9, 1976
Request for Grades for Early Admission Form (OUAC 102) to be returned by the schools to the centre.

June 4, 1976
Earliest date for offer of admission by universities to year 5 applicants.

June 18, 1976
Earliest date that universities may require a response to early offers of admission.

Preliminary Year and Admission from Year 4
Four universities—Carleton, Ottawa, Windsor and Brescia College (an affiliate of Western)—offer a preliminary year in lieu of year 5 for highly qualified year 4 students. At the University of Ottawa, this is only available in the science and engineering faculties. Year 4 students who achieve a minimum overall average of 80% on their final marks are eligible to apply to the first year of Ottawa's Faculty of Arts.

Brock University offers admission into first year to exceptional students, recommended by their schools, who have completed year 4 and Brock's special summer course. Wilfrid Laurier University's Scholarship Program offers a limited number of Ontario secondary school students the opportunity to enter first year of the Bachelor of Arts program after successfully completing summer session courses at the university.

Lakehead and McMaster Universities offer direct admission to first year to a few outstanding year 4 students. This is done in exceptional circumstances and additional requirements are, in some cases, necessary. Interested students should check with the individual institutions for detailed information.

Mature or Non-Matriculant Students
The admission requirements for mature or non-matriculant students vary widely. Most universities impose an age minimum of either 21 or 23 years. Some universities require students to have been away from formal education for a period of time and some prescribe pre-university course work or special admission tests. In general, mature applicants are expected to have at least adequate standing in the academic work they have undertaken previously and to be able to demonstrate that they have the aptitude for work at the university level. Since at many universities places in full-time programs are filled by early July, students who are seriously interested in full-time study and are planning to apply as mature or non-matriculant applicants should apply early.

Graduate, Extension and Summer Programs
Horizons does not include information on the variety of graduate, extension and summer programs offered at the university level. Graduate programs normally require honours standing in a four-year undergraduate program as a prerequisite. In general, admission requirements for part-time, extension and summer programs leading to degree credits are the same as for full-time degree programs. Non-credit courses for students not working towards a degree are also available. For further information, check with the Admissions Office, the Extension Department, or the Graduate School of the university concerned.

Secondary School Liaison and University Information Programs
During the academic year, representatives from each of the 16 universities in Ontario and Ryerson Polytechnical Institute visit over 100 secondary schools across Ontario to take part in university information sessions for students, parents and guidance counsellors, as arranged by local and county boards of education. The purpose of these programs is to provide first hand information about university admission requirements, programs of study, campus life, facilities, campus tours, and scholarships. The names and addresses of Secondary School Liaison Officers are given in the university sections of *Horizons*. Inquiries are welcome.

Undergraduate and first professional degree and diploma programs offered at Ontario universities

Note:
These lists are not complete and are subject to change. Many universities offer unique courses which are not included in these charts. Check individual university listings in *Horizons* as well as university calendars for more specific information. See section on Ryerson Polytechnical Institute for listing of applied arts and technology degrees.

• Degree Program
□ Diploma Program
☆ Degree and Diploma Programs
○ Degree & Certificate Course
P Pre-Professional Course

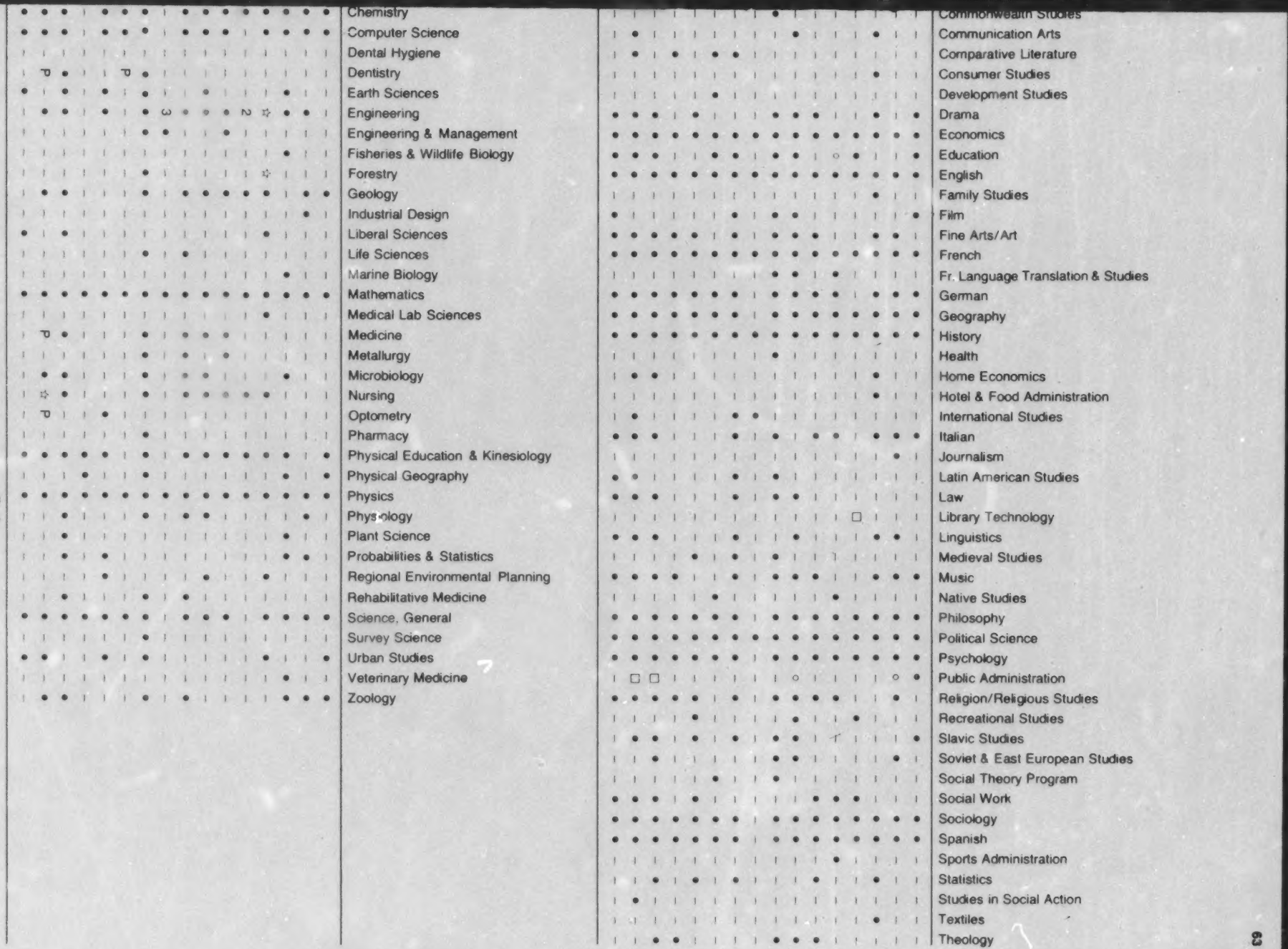
Humanities and Social Sciences

	Administration	Amerindian Eskimo Studies	Anthropology	Applied Human Nutrition	Asian Studies	Business Administration	Canadian Studies	Child Studies	Classical Archeology	Classics (Latin & Greek)	Commerce
Brock	•	–	–	–	•	•	–	–	–	•	–
Carleton	–	–	•	–	–	–	–	–	–	•	•
Guelph	–	–	•	•	•	•	•	•	•	•	•
Lakehead	–	–	•	–	–	□	•	–	–	–	•
Laurentian	–	–	•	–	–	☆	•	–	–	•	•
McMaster	–	–	•	–	•	•	•	–	–	•	•
Ottawa	–	–	–	•	–	○	–	•	•	•	•
Queen's	–	–	–	–	–	•	•	–	–	•	•
RMC	–	–	–	–	–	–	–	–	–	–	•
Toronto	–	–	•	–	•	–	•	–	–	•	•
Trent	–	•	•	–	–	–	•	–	–	•	–
Waterloo	–	–	•	–	–	–	•	–	–	•	–
W. Laurier	–	–	•	–	•	•	•	–	•	•	–
Western	–	–	•	•	–	•	•	–	–	•	–
Windsor	–	–	•	–	•	•	–	–	–	•	•
York	–	–	•	–	•	•	•	–	–	•	–

Physical Sciences

	Agriculture	Anatomy	Animal Science	Applied Computational & Math Science	Applied Statistics & Computation	Architecture	Astronomy	Biochemistry	Biology	Biophysics	Botany
Brock	–	–	–	–	–	–	–	•	•	•	•
Carleton	–	–	–	•	•	•	–	•	•	–	•
Guelph	☆	•	•	–	–	1	–	•	•	•	•
Lakehead	–	–	–	•	–	–	–	–	•	–	–
Laurentian	–	–	–	–	–	–	–	–	•	–	–
McMaster	–	–	–	–	•	–	–	•	•	–	–
Ottawa	–	•	–	–	–	–	–	•	•	–	–
Queen's	–	•	–	–	–	–	–	•	•	•	•
RMC	–	–	–	–	–	–	–	–	–	–	–
Toronto	–	•	–	–	–	•	•	•	•	•	•
Trent	–	–	–	–	–	–	–	–	•	–	•
Waterloo	–	–	–	–	–	•	–	–	•	–	–
W. Laurier	–	–	–	–	–	–	–	–	•	–	–
Western	–	•	–	–	–	–	•	•	•	•	•
Windsor	–	–	–	–	–	–	–	•	•	•	•
York	–	–	–	•	–	–	–	–	•	–	–

1. Landscape architecture.
2. First two years.
3. Chemical engineering with nuclear option.


Chemistry
Computer Science
Dental Hygiene
Dentistry
Earth Sciences
Engineering
Engineering & Management
Fisheries & Wildlife Biology
Forestry
Geology
Industrial Design
Liberal Sciences
Life Sciences
Marine Biology
Mathematics
Medical Lab Sciences
Medicine
Metallurgy
Microbiology
Nursing
Optometry
Pharmacy
Physical Education & Kinesiology
Physical Geography
Physics
Physiology
Plant Science
Probabilities & Statistics
Regional Environmental Planning
Rehabilitative Medicine
Science, General
Survey Science
Urban Studies
Veterinary Medicine
Zoology
Commonwealth Studies
Communication Arts
Comparative Literature
Consumer Studies
Development Studies
Drama
Economics
Education
English
Family Studies
Film
Fine Arts/Art
French
Fr. Language Translation & Studies
German
Geography
History
Health
Home Economics
Hotel & Food Administration
International Studies
Italian
Journalism
Latin American Studies
Law
Library Technology
Linguistics
Medieval Studies
Music
Native Studies
Philosophy
Political Science
Psychology
Public Administration
Religion/Religious Studies
Recreational Studies
Slavic Studies
Soviet & East European Studies
Social Theory Program
Social Work
Sociology
Spanish
Sports Administration
Statistics
Studies in Social Action
Textiles
Theology

Brock University

St. Catharines

President: Alan J. Earp

As Brock University enters its tenth anniversary year, it continues to strengthen a young, yet unique academic tradition. In an age of the multi-university, Brock stands closer to the traditional values of university education. Full-time enrolment is only 2,300. Classes are smaller and are taught by faculty, not senior or graduate students. The seminar and discussion group are an integral part of the learning experience. A nucleus of courses in the humanities, social sciences and sciences is complemented by programs in administration, physical education, urban studies, computer science and music. A College of Education provides a one-year course for university graduates, but Brock undergraduates may take degree courses in education concurrent with their undergraduate program.

The 600-acre main campus, the DeCew Campus, is located on the Niagara Escarpment overlooking St. Catharines and Lake Ontario. A science complex is located at the base of the escarpment on the Glenridge Campus. The surrounding countryside includes the suburban edge of the city, farmland, and the conserved bushland of the Bruce Trail. The historic Niagara Region offers Brock students a wide range of cultural, recreational and social facilities which are as varied as they are unique.

Enrolment 1974-75
Full-time 2,327

Faculties and Schools
Administrative Studies Program
Faculty of Arts and Science
College of Education
School of Physical Education
Institute of Urban and Environmental Studies

Library
The library's collection includes 250,000 books, bound periodicals and documents; 2,400 current periodicals.

General Requirements for Admission in 1976
Candidates for admission to the first year of an undergraduate program at Brock University will ordinarily be required to present an Ontario Secondary School Honour Graduation Diploma, with at least three different subjects and with standing satisfactory to the university. Candidates who present a highly specialized program for university entrance will be considered as special cases for admission.

Two credits in a given language will be beneficial to students intending to pursue studies in that language at the university.

One credit in mathematics is strongly recommended for students intending to major in administration, economics, geography, psychology, sociology and urban studies.

Early Admission
All year 5 applicants are encouraged to apply as soon as possible.

See introduction on admission to Ontario universities for information about application procedures and deadlines. A candidate must complete year 5 to the secondary school principal's satisfaction.

Year 4 Summer Program
Brock continues to be interested in and concerned with the admission of exceptional students. This concern has been mirrored in the Special Year 4 Summer Program, a unique and innovative education experience offered to exceptional year 4 (grade 12) students. The six-week summer course, now in its eighth year, allows students to become involved in a total immersion program simulating a normal first year university experience. Areas of study offered include: Humanities (English and philosophy), social sciences (history, politics and drama), sciences for non-science majors (biology and geology), sciences for science majors (chemistry and physics), mathematics for mathematics majors, mathematics for non-mathematics majors, and languages (French and German).

There is no tuition fee for this course. Students must pay only for their books and residence accommodation, which is optional. Since applications and acceptance to the program depend upon the anecdotal comments of guidance counsellors concerning the maturity and readiness of the student for university study, applicants should contact their school counsellor for further information.

Summer Admission Qualifying Program
This is a five-week program for applicants who are not immediately admissible to first year. It is designed to help them strengthen their academic background, to develop the personal and technical skills necessary for university work, and to assess their own fitness for and the likelihood of their success in university studies. The faculty admissions committee re-evaluates the student's suitability at the end of the program. Experience since 1972 has indicated that a majority of the students recommended to take the program are successful. Admission to the program is by recommendation of the University Admissions Board after consideration of the student's standard application. The registration fee is $50.

• Degree Programs and Subject Requirements

Bachelor of Administration
The university recently introduced a program in administration designed for those students who intend to pursure careers in administration in the public sector (in various levels of government, health, education, etc.) or in the private sector (in industry, commerce and labour). Although professionally oriented, the program is based primarily on social science disciplines, particularly in the first two years. The primary purpose is to provide students in administration with a strong academic background as well as to prepare them for a career in the broad field of administration. The curriculum in administration is offered only at the honours level.

Bachelor of Arts
Pass and Honours:
Asian studies, biological sciences, classics, computer science (combined major only), drama and film, economics, English, geography, Germanic and Slavic studies (German and Russian), history, music (pass only), philosophy, politics, psychology, Romance studies (French, Italian, Spanish), sociology, urban studies.

Interdepartmental Programs
Interdepartmental programs are being offered to meet the needs of students who wish to diversify their studies over two or more areas of concentration, and who do not wish to tie themselves to a combined major.

Students may select appropriate courses from several departments to focus on a field of study that is particular interest to them. The resulting combinations of courses will therefore be highly personalized in character.

Bachelor of Science
Pass and Honours:
Biological sciences, chemistry, geological sciences, mathematics, physics.

Year 5 Admission Requirements
Ontario Secondary School Honour Graduation Diploma with standing satisfactory to the university. Two credits in mathematics are mandatory and English is strongly recommended.

Specific Requirements:
For biological sciences—any two of biology, chemistry, physics (chemistry and physics preferred).
For chemistry—chemistry, physics.
For geological sciences—any two of biology, chemistry, physics.
For mathematics—a third credit in mathematics (physics is strongly recommended).
For physics—chemistry, physics (a third credit in mathematics is strongly recommended).

Extradepartmental Studies
Extradepartmental Studies offers a variety of degree credit courses which do not fall under the auspices of existing university departments. Students should note that it is not possible to major in Extradepartmental Studies, but that these courses may be taken for credit as electives in any degree program.

School of Physical Education Degree Program

Bachelor of Physical Education
The School of Physical Education offers a three-year program leading to the degree of Bachelor of Physical Education (B.Phys.Ed.).

The program is unique in Ontario universities in that its major emphasis is on physical education for elementary school age children.

Students completing the program will be eligible for admission to the certification year at the College of Education. Students completing the certification year will be qualified to teach physical education at the elementary school level in the province of Ontario. Students not wishing to enter the teaching profession after completing their degree program will be qualified to accept positions in community physical education and recreational agencies.

Admission Requirements:
Students applying to the School of Physical Education may qualify for admission through either the arts or science admission requirements.

Institute of Urban and Environmental Studies
The program in urban and environmental studies provides an interdisciplinary focus on urban and environmental studies combined with a sound background in the natural or social science disciplines. The institute offers combined major degree programs collaterally with a major in one of the following departments at Brock: Biological sciences, chemistry, economics, geography, geological sciences, politics or sociology.

Admission Requirements:
Students officially enter the program at the beginning of second year at Brock following a prerequisite first year program.

College of Education
The college provides a one-year course leading to an Interim Elementary School Teacher's Certificate or a High School Assistant's Certificate. Admission to the one-year program requires the minimum of a pass degree.

A choice of either an elementary or a secondary option is given to candidates. Students completing the course will be recommended to the Ministry of Education for an Elementary School Teacher's Certificate, a High School Assistant's Certificate, Type B, or a High School Assistant's Certificate, Type A.

Students intending to take the secondary option will normally be required to have completed five university courses related to their specialty for a Type B certificate, and nine related courses for a Type A certificate.

Annual Tuition Fees for All Degree Programs
Full-time and part-time students $130 per course

Further Information
Inquiries about admission requirements should be sent to
Mr. John Bird
Assistant Registrar, Admissions
Brock University
St. Catharines, Ontario L2S 3A1

Information about student awards and loans may be obtained from
Mrs. Ann Stavina
Student Awards Officer
Brock University
St. Catharines, Ontario L2S 3A1

Inquiries about the year 4 program should be directed to
Mr. John Bird
Assistant Director, Year 4 Program
Brock University
St. Catharines, Ontario L2S 3A1

Inquiries about university information programs for secondary schools should be directed to
Ms. Laura Hopkins
Schools Liaison and Alumni Officer
Brock University
St. Catharines, Ontario L2S 3A1

Telephone (416) 684-7201

Carleton University

Ottawa

President: Michael Oliver

Carleton University, which was founded in 1942, offers a traditionally sound academic program, complemented by several innovative approaches to undergraduate study. Students at Carleton can obtain degrees from four faculties (Arts, Science, Engineering and Graduate Studies) with in-depth study available in 34 disciplines.

Special areas of study include journalism, Canadian studies, international affairs, Soviet and East European studies, comparative literature, Certificate in the Teaching of English as a Second Language (CTESL), public administration, social work and linguistics. Unique approaches to study programs have also been developed in the School of Architecture, the School of Industrial Design, the School of Commerce, the Faculty of Engineering, the Graduate School of Social Work and St. Patrick's College. An Integrated Science Studies degree program initiated in 1971 also offers an interdisciplinary approach to the study of science.

Besides the faculties offered by Carleton itself, the university's location in the national capital provides unique learning resources through the National Research Council, the Public Archives, Parliament, the National Museum and the National Gallery, to name only a few.

In 1959, Carleton moved to its present 136-acre campus, situated between the historic Rideau Canal and Rideau River. The university now has a full-time enrolment of 8,500 students with another 6,000 studying part-time.

St. Patrick's College occupies a new building on the Rideau River Campus. The college offers the traditional advantages of a small college environment complemented by the resources of a large university. Traditional areas of concentration within a Bachelor of Arts program are available at the college, along with unique programs such as a unified liberal arts program (ULAP) and a one-year French immersion program.

Campus facilities include a physical recreation building, featuring a 50-metre pool and fitness areas, and computer services.

Enrolment 1974-75
Full-time 8,500
Part-time 6,000

Library

As of January 31, 1975, the library's collection contained 777,198 volumes and 186,023 other items.

Faculties, Schools and Institutes
Faculty of Arts
Faculty of Engineering
Faculty of Science
School of Architecture
School of Commerce
School of Industrial Design
School of International Affairs
School of Journalism
School of Public Adminstration
School of Social Work
Institute of Canadian Studies
Institute of Soviet and East European Studies

General Requirements for Admission in 1975-1976
For the qualifying university year: Ontario Secondary School Graduation Diploma with a minimum 65% average. A majority of the credits presented must be in the advanced or enriched phases.

For the first year of a degree program: Completion of an Ontario Secondary School Honour Graduation Diploma with 60% average (65% for honours).

• Degree Programs and Subject Requirements

Bachelor of Arts
Major Program:
Three years, majors available in art history, biology, classical civilization, classics (Greek, Latin), economics, English, French, geography, German, history, Italian, law, linguistics, mathematics, music, philosophy, political science, psychology, religion, Russian, sociology-anthropology, and Spanish.

Honours Program:
Four years, available in art history, classics, economics, English, French, geography, German, history, law, linguistics, mathematics, music, philosophy, political science, psychology, religion, Russian, sociology-anthropology, and Spanish. Certain combined programs may be arranged.

Honours in Public Administration:
Four years with specialization in political science, economics, public law.

Honours in Soviet and East European Studies:
A four-year interdisciplinary course with emphasis on Russian language and literature, political science, economics and history.

Year 4 Requirements for a Bachelor of Arts Program
The OSSGD with a minimum 65% average and including two of English, a language other than English, or mathematics at the fourth level. The majority of the credits presented must be in the advanced or enriched phases.

Year 5 Requirements for a Bachelor of Arts Program
The OSSHGD with a minimum 60% average.
For majors in biology, economics, and mathematics, functions and calculus must be presented.

Bachelor of Journalism
Honours Program:
Four years from senior matriculation. The aim of the program is not to train technologists; it is to give students the ability to investigate, interpret and communicate intelligently in any of the mass media. It will also allow a student to combine honours level work in arts, science, or commerce with professional training in journalism.

Year 5 Requirements for Bachelor of Journalism Program
The OSSHGD with a minimum 65% average, including a language other than English (French is recommended).

Applicants should note that in view of limited accommodation the minimum admission requirements can only establish eligibility for selection to the program and that acceptance cannot be guaranteed.

Bachelor of Music
Honours Program:
A four-year program from senior matriculation designed principally to promote an intellectual and aesthetic understanding of music as an expression of human cultural activity with a limited applied music option. The study of musical history and of the techniques and materials of musical creation will form the basis of all study.

Year 5 Requirements for Bachelor of Music Program
The OSSHGD with a minimum 65% average. It is expected that students entering the B. Mus. program would have Level V Music, the appropriate Level of Conservatory Music, or both.

Bachelor of Commerce
A four-year honours program with some specialization in economics, accounting and finance, quantitative methods or labour and industrial relations.

Year 5 Requirements for Bachelor of Commerce Program
The OSSHGD with a minimum 65% average including functions and calculus.

Bachelor of Engineering
Four years, including three years of foundation studies in mathematics, physics, chemistry and engineering sciences and one year of specialization in civil, electrical or mechanical engineering.

Year 4 Requirements for Bachelor of Engineering Program
The OSSGD with a minimum 65% average and including an appropriate preparation in mathematics, chemistry and physics. A majority of the credits presented must be in the advanced or enriched phases.

Year 5 Requirements for Bachelor of Engineering Program
The OSSHGD with a minimum 60% average and including functions, calculus, chemistry and physics.

A student unable to meet the specific course requirements above, but otherwise admissible to Carleton University, may be admitted to the first year but will be required to satisfy the outstanding requirements at the qualifying university year level.

Bachelor of Architecture
A five-year program leading to a Bachelor of Architecture degree, and offering a highly varied experience for the student in lectures, seminars, library, studios, and workshops.

Year 5 Requirements for Bachelor of Architecture Program
The OSSHGD with a minimum 60% average and including functions, calculus and physics.

Bachelor of Industrial Design
A four-year program completely integrated with both the engineering and architecture programs for the first two years, followed by industrial design projects and experience in industry.

Year 5 Requirements for Bachelor of Industrial Design Program
The OSSHGD with a minimum 60% average and including functions, calculus, chemistry and physics.

Bachelor of Science
Major Program:
Three years with majors available in biology, chemistry, geology, mathematics, physics.

Honours Program:
Four years with an average of 65% required for honours program. Available in biochemistry, biology, chemistry, geology, mathematics, physical geography, physics, psychology.

Combined Honours:
Available in biology-geology, chemistry-geology, geology-physics, mathematics-physics.

Integrated Science Studies:
This is a major or honours program designed for those students who wish to develop an understanding of the scientific method, and at the same time to acquire a knowledge of the humanities, social sciences or certain selected parts of engineering.

Year 4 Requirements for Bachelor of Science Program
The OSSGD with a minimum 65% average and including an appropriate preparation in mathematics, chemistry and physics. A majority of the credits presented must be in the advanced or enriched phases.

Year 5 Requirements for Bachelor of Science Program
The OSSHGD with a minimum 60% average and including functions, calculus and two experimental sciences. While biology, chemistry, geology and physics are the subjects normally accepted as sciences, the university will consider other courses on an individual basis. Prospective students should note that, while only a 60% general average is required for admission, they should have at least 60% or third class honours in the mathematics and science subjects offered.

Master of Social Work
Two years following Bachelor of Arts.

Tuition Fees
Full-time Students
Arts, commerce, journalism, science $664
Engineering, industrial design, architecture $724

Part-time Students (per subject)
Degree programs $129.10
Non-degree programs $129.10

Residence Fees Including Meals (1975-76)
Single room $1,440
Double room $1,340

Further Inquiries
Inquiries about admission should be directed to
Office of Admissions
Carleton University
Colonel By Drive
Ottawa, Ontario K1S 5B6

Inquiries about student awards and loans should be directed to
Mrs. A. T. Loates
Student Awards Office
Carleton University
Colonel By Drive
Ottawa, Ontario K1S 5B6

Telephone (613) 231-3735

University of Guelph

Guelph

President: W. C. Winegard

The University of Guelph has emerged as a unique educational and research centre, successfully combining a century of history in agriculture, veterinary medicine and household science with more recently established programs in the arts and sciences. It is the university's aim to develop in the humanities, social sciences and physical sciences a reputation to match that of long standing in the life sciences.

The close association of scholars from many disciplines affords the University of Guelph an unusual opportunity to offer interdisciplinary degree programs, and to carry out research and study projects in multi-disciplinary fields. This is especially true in studies relating to the broad sphere of environmental quality.

Construction of facilities has kept pace with rapidly growing student numbers, providing the campus with modern residences, classrooms and well equipped laboratories for research.

The three-semester system (with three independent 15-week semesters, each equivalent to one-half a traditional university year) allows students maximum flexibility in taking a degree program. The system, enabling year round study and use of campus facilities by students, has set a new standard for the provincial university system.

The three-semester system allows admission in September, January or May—as well as a unique spring admissions plan under which year 5 students may enter directly from school in May.

In arts and science a student may attend one, two or three semesters per year. This enables acceleration of studies or time off for work or travel.

Enrolment 1974-75
Full-time student equivalent 9,141

Academic Administrative Units
College of Arts
College of Biological Science
College of Family and Consumer Studies
College of Physical Science
College of Social Science
Ontario Agricultural College
Ontario Veterinary College
Faculty of Graduate Studies
Office of Research
School of Agricultural Economics and Extension Education
School of Engineering
School of Hotel and Food Administration
School of Landscape Architecture
School of Physical Education
Centre for Educational Disabilities
Centre for International Programs
Centre for Resources Development
Institute of Computer Science
Office of Continuing Education
Food Industry Research Institute

Library
With 750,000 catalogued volumes and 9,000 current periodical subscriptions in its collection, the library houses open stacks and over 2,000 individual study areas. The library system is extensively automated.

General Admission Requirements for 1976
Applicants should qualify for the Ontario Secondary School Honour Graduation Diploma with standing in specific year 5 subjects as required by the particular degree program.

Innovations in Secondary School Subjects
The university will consider for credit courses regarded as innovations in the Ontario secondary school system if they are approved by the Ontario Ministry of Education.

Fall Semester Admission
(Studies begin in September)
Fall semester admission to all programs may be granted to candidates who satisfy in full the general entrance requirements.

Winter Semester Admission
(Studies begin in January)
Under an agreement with the Ontario Ministry of Education, the University of Guelph admits to the first semester of the degree programs in arts, science, engineering and agriculture, a number of students of promising scholastic ability. These students are admitted directly from secondary school and commence study at the university in early January. Candidates who have delayed entry to the university, for various reasons, may also apply at this time. Admission may only be granted to candidates who satisfy in full the general program entrance requirements. The university will grant the University of Guelph Matriculation Certificate should the student not be eligible to receive the Ontario Secondary School Honour Graduation Diploma.

Spring Semester Admission
(Studies begin in May)
Spring admission to the arts, science, agricultural science and family and consumer studies programs may be granted to candidates who satisfy the general entrance requirements above and who are enrolled in year 5 for the first time and have an estimated minimum average of 64%. Students accepted under the Spring Admission Plan are granted the Ontario Secondary School Honour Graduation Diploma or the University of Guelph Matriculation Certificate. The OSSHGD will only be granted when students can arrange a suitable timetable with the principal of their school to complete the required credit hours prior to spring semester registration.

Early Acceptance
(Acceptance for September on the date agreed to by the Ontario Universities Council on Admissions. See pages 60 and 61.
Early acceptance to all programs may be granted to candidates who satisfy in full the general entrance requirements and who are enrolled in year 5 for the first time and have an estimated minimum average of 60%.

Application Procedure
Candidates planning to enrol in the spring or fall of 1976 will submit an application through the Ontario Universities' Application Centre (see pages 59-61).

• Degree Programs and Subject Requirements

Bachelor of Arts

Common First Year:
Semesters one and two are taken in common by both honours and general students. Thus, the selection of a final program may be delayed until the third semester.

General Program:
Six semesters. Students may choose one of two patterns of study: Area of concentration (six semester courses in each of three subjects) or a major (minimum of ten semester courses in one subject).

The following subjects may be taken as a major or an area of concentration (refer to the calendar for full details): Animal science, Asian studies, business administration, classical archaeology, classical studies, communication, computing and information science, drama, economics, English, environmental horticulture, family studies, fine art, food science, French, general agricultural science, geography, German, Greek, history, Italian, land resource science, Latin, linguistics, mathematics, music, natural sciences, philosophy, plant science, political studies, psychology, statistics, sociology-anthropology, Spanish.

Honours Program:
Eight semesters. Designed for greater specialization, there are three patterns of study which a student may follow: Specialized major and minor, or combined honours.

The following subjects may be taken in an honours program (see the calendar for full details): Asian studies, business administration, Canadian studies, classical archaeology, computing and information science, consumer studies, drama, economics, English, environmental studies, fine art, French, geography, German, history, Italian, Latin, mathematics, music, philosophy, political studies, psychology, social science and the development of the Third World, sociology-anthropology, Spanish, statistics.

Year 5 Subject Requirements for Admission to the Bachelor of Arts Program
Although there are no specific subject requirements, preference will be given to applicants who offer two credits from English, mathematics, or a second language.

Bachelor of Science

Common First Year:
Students in the general and honours Bachelor of Science programs take the same basic courses in the first and second semesters. The final selection of a general or a specific honours program may thus be delayed until the third semester.

General Program:
Six semesters. This program provides a broad general training in biological science, chemistry, physics and mathematical science.

Honours Program:
Eight semesters. The student has an option of the following: The honours science program (without specialization) which permits study in the natural sciences at a greater depth than in the general program; honours science with major and minor; an honours program which provides for specialization in the physical, biological or food science areas. Specialization is available in biochemistry, biophysics, botany, chemical physics, chemistry, computer and information science, earth science, ecology, fisheries and wildlife biology, food science, genetics, geography, human biology, marine biology, mathematics, microbiology, nutrition and biochemistry, physics, statistics, theoretical physics, and zoology.

Year 5 Subject Requirements for Admission to the Bachelor of Science Program.
One credit in mathematics; two credits from biology, chemistry or physics; one additional credit from biology, chemistry, mathematics or physics; two additional credits.

Applicants are advised to include functions and relations in their year 5 program of studies. Applicants who lack one specific year 5 subject requirement but who have a high overall year 5 standing are also encouraged to apply for admission.

Students contemplating admission to the Doctor of Veterinary Medicine Program should include the following courses in their year 5 program of studies: Functions and relations, biology, physics and chemistry.

Bachelor of Science in Agriculture

Honours Program:
Eight semesters. The program is designed to provide fundamental education in the science of agriculture. The first two semesters feature a common curriculum and students may select a major from one of several areas prior to the commencement of the fourth semester. A major can be chosen from one of the following areas of specialization: Agricultural and food system, agricultural economics and rural development, environmental and agricultural biology, resources management.

Year 5 Subject Requirements for Admission to the Bachelor of Science in Agriculture Program
One credit in mathematics; two credits from biology, chemistry or physics; one additional credit from biology, chemistry, mathematics or physics; two additional credits.

Applicants are advised to include functions and relations and chemistry in their year 5 program of studies. Applicants who lack one specific year 5 subject requirement but who have a high overall year 5 standing are also encouraged to apply for admission.

Students contemplating admission to the D.V.M. program should include the following courses in their year 5 program of studies: Functions and relations, biology, physics and chemistry.

Family and Consumer Studies (Bachelor of Applied Science)

Honours Program: Eight semesters.
The program in family and consumer studies provides for flexibility in preparation for a variety of professional careers involving an understanding of families and consumers. Students select one of the following major areas of study: Applied human nutrition, child studies, consumer studies, family studies, textiles. Courses in the biological, physical and social sciences provide a background for the courses selected in relation to the student's major area of interest. Students may select their major area of study when entering the program or may choose to enrol in a two-semester sequence which will enable them to select, in the third semester, any one of the five majors.

Year 5 Subject Requirements for Admission to the Bachelor of Applied Science Program
Two credits in mathematics, one credit in chemistry, three additional credits.

Applicants are advised to include functions and relations in their year 5 program of studies.

Bachelor of Science in Human Kinetics

Honours Program: Eight semesters.
A human kinetic studies program with emphasis in the areas of scientific application to human activity. Science-oriented subjects, particularly toward the biological sciences, include anatomy, biology, nutrition, physiology, psychology and sociology. Intradisciplinary subject matter includes kinesiology, exercise physiology, sports medicine and scientific measurement of human performance.

This program provides all of the necessary academic requirements for entrance to a college or faculty of education to qualify for a High School Assistant's Certificate, Type A.

Year 5 Subject Requirements for Admission to the Bachelor of Science (Human Kinetics) Program
One credit in mathematics; two credits from biology, chemistry or physics; one additional credit from biology, chemistry, mathematics or physics; two additional credits.
Applicants are advised to include functions and relations in their year 5 program of studies. Applicants who lack one specific year 5 subject requirement but who have a high overall year 5 academic standing are also encouraged to apply for admission.

Hotel and Food Administration (Bachelor of Commerce)

Honours Program: Eight semesters.
This program is of an interdisciplinary nature drawing on courses in the humanities, social sciences, food science, physical and biological sciences. Special emphasis is given to the study of the theories of interpersonal relations, communications, business law, and administration and management courses related to hotel/motel and restaurant operation.

Year 5 Subject Requirements for Admission to the Bachelor of Commerce Program
Two credits in mathematics and four additional credits.

Applicants are advised to include functions and relations and chemistry in their year 5 program of studies.

Bachelor of Science in Engineering
Honours Program: Eight semesters.
Students can plan their program of studies around a core of engineering and mathematical courses. Elective courses in the humanities and the social and natural sciences provide a liberal education to suit individual career goals. Systems design projects allow special studies in one of three areas: Agricultural engineering, biological engineering, water resource engineering.

Year 5 Subject Requirements for Admission to the Bachelor of Science (Engineering) Program
Two credits in mathematics and four additional credits.
Applicants are advised to include physics, chemistry and three mathematics courses as part of their year 5 program of studies.

Bachelor of Landscape Architecture
Honours Program: Eight semesters.
The first four semesters are largely devoted to basic study in design, architecture, urban planning and the natural sciences. In the final four semesters emphasis is placed on professional courses in parks and recreation, and project design.

Year 5 Subject Requirements for Admission to the Bachelor of Landscape Architecture Program
Two credits from biology, mathematics, physics or chemistry; two credits from English, geography or history; two additional credits.

Applicants are advised to select a program of studies at the secondary school level which will include all or most of the following areas: English, mathematics, art, biology, social science, geography and environmental studies.

Due to the nature of the program, personal interviews and/or special tests are used to assist in the selection of candidates. Applicants are selected for the interviews on the basis of academic performance. A final decision on the admission of the applicant will follow the interview.

Doctor of Veterinary Medicine
Eight semesters. Course of study prescribed.
Requirements for Admission to the Doctor of Veterinary Medicine Program in 1976-77
Candidates for admission to the professional course in veterinary medicine must have successfully completed at least two years of academic work beyond the level of Ontario year 5 in a recognized college or university. Students who present themselves for admission to the D.V.M. program in 1976 will encounter somewhat different course prerequisites and may be admitted into the D.V.M. program either (a) by admission into the pre-veterinary semester of the Bachelor of Science or Bachelor of Science (Agriculture) programs after three or more semesters of university work, or (b) by admission into the first semester of the D.V.M. program after four or more semesters of university work. Candidates in these instances must have completed a minimum of three or four semesters (45 or 60 semester credits) of academic work beyond the level of Ontario year 5 in a recognized college or university. The specific subject matter prerequisites at the respective levels of admission are:

Pre-Veterinary Semester (winter semester only)
Biological science: Four semester courses (including one in genetics or microbiology).
Physics: Two semester courses.
Mathematics: One semester course in calculus.
Chemistry: Three semester courses (including inorganic and organic).
Humanities and social science: Three semester courses.

First Semester D.V.M. (available in fall semester only)
Biological science: Six semester courses (including one in microbiology, one in genetics, one in embryology and one in histology).
Physics: Two semester courses.
Mathematics: Two semester courses (including one in calculus).
Chemistry: Four semester courses (including inorganic, organic, and biochemistry).
Humanities and social science: Three semester courses.

Students wishing to undertake their pre-veterinary study at the University of Guelph should apply to enter either the Bachelor of Science or the Bachelor of Science in Agriculture programs. Interviews are used to assist in the selection of candidates for both the pre-veterinary semester and the first semester of the D.V.M. program. Applicants will be selected for interview on the basis of their academic grades and the submission of the Background Information Sheet. A final decision on admissibility will be made following the interview. Normally a student in the D.V.M. program will not be required to repeat a course in which credit standing has been obtained in the pre-veterinary studies. A further condition of admission to the veterinary program is agreement to a rabies immunization procedure with subsequent titre evaluation.

Associate Diploma in Agriculture
Four Semesters:
The program is designed to give students an appreciation of science and its application to agriculture. After a common first semester, students specialize in one of four divisions: Agribusiness, agricultural mechanics, farm operators and managers, or horticulture with an emphasis in fruit and vegetable production or nursery and landscape.

Admission Requirements for Associate Diploma in Agriculture Program
The minimum academic requirement for admission is Ontario year 4 or its equivalent. Applicants must also provide evidence of at least three months' experience in some acceptable type of agriculture or landscaping.

For additional information contact
Director of Diploma Course
University of Guelph
Guelph, Ontario N1G 2W1
Telephone (519) 824-4120 Ext. 3010

Annual fees (subject to change)
Tuition fees per semester (full-time students):
Bachelor of Science (Agriculture) $287.50
Bachelor of Arts $292.50
Bachelor of Science (Engineering) $322.50
Bachelor of Applied Science $287.50
Bachelor of Landscape Architecture $352.50
Bachelor of Science (Human Kinetics) $295
Bachelor of Science $297.50
Doctor of Veterinary Medicine $287.50
Bachelor of Commerce $287.50
Associate Diploma in Agriculture $100

Room and Board Fees (subject to change)
Single Student Residence Fees
For all but apartment style residences, fall and winter semesters:
$402 for single; $372 for double.

Single Student Residence Fees
For apartment style residences, fall and winter semesters: $432 for single; $402 for double.

Married Students' Townhouses
$190 per month (effective September 1, 1975).

Meal Plans (per semester)
$220 or $280
Students accommodated in all but apartment style residences are required to select one of the above meal plans. These plans are also available to students accommodated in apartment style residences and to those living off campus. A semester for room and board purposes will terminate on the date announced for conclusion of examinations.

Further Inquiries
Admission inquiries should be directed to
Admissions
Office of the Registrar
University of Guelph
Guelph, Ontario N1G 2W1

Information and application forms for student awards and loans may be obtained from
Awards
Office of the Registrar
University of Guelph
Guelph, Ontario N1G 2W1

Inquiries regarding university information programs for secondary schools should be directed to
Secondary School Liaison Officer
Office of the Registrar
University of Guelph
Guelph, Ontario N1G 2W1

Telephone (519) 824-4120

Lakehead University

Thunder Bay

President: A. D. Booth

Lakehead University, one of the newest universities in Ontario, granted its first degrees in 1965. It evolved from the Lakehead Technical Institute, established in 1946, which later became known as the Lakehead College of Arts, Science and Technology. In 1957, the college moved to its present campus site, overlooking the former cities of Port Arthur and Fort William, now Thunder Bay.

In 1965, the college received university status and an extensive building program was begun which has transformed the small core of buildings into the present imposing $40,000,000 campus. Facilities now include a 600-bed residence village; a superbly equipped science and technology complex; a university centre with theatre, cafeterias, student lounges, shopping mall, and student offices; a six-storey, 1,000-seat library; and a sophisticated computer centre equipped with an IBM 360/50 computer. The Tim Ryan Memorial Academic Building and an Olympic length swimming pool, both completed in the fall of 1972, have greatly enhanced the academic and athletic capabilities of the university.

Lakehead University reaches out beyond traditional boundaries, making spring, summer and part-time study available on campus and carrying post-secondary study to the far-flung communities of northwestern Ontario.

The university is striving to create a unique educational experience based on a close student-faculty relationship and yet offering all the challenge and scope of Ontario's vast northwestern region. It is young in both history and heart; through innovation Lakehead is creating its traditions.

Enrolment 1974-75
Full-time 2,500

Faculties and Schools
Faculty of Arts
Faculty of Science
Faculty of Education
School of Business Administration
School of Engineering
School of Forestry
School of Library Technology
School of Nursing
School of Physical and Health Education

Library
A six-storey, open stack, 1,000-seat library building holds 215,000 accessioned and catalogued volumes of books and bound periodicals, and over 2,000 volumes of unbound periodicals.

General Requirements for Admission in 1976

Degree Programs
The standard for admission to a degree program at Lakehead University is the successful completion of any Ontario year 5 program (or equivalent) embracing at least three distinct subject areas, acceptable to the university as satisfying the entrance standards. The overall average must be at least 60%. In addition to obtaining this general level of academic maturity, the candidates will be required to include in their matriculation programs subjects that interlock directly with their planned university majors. These specific requirements are noted below the programs.

Diploma Programs
Admission to diploma programs is based upon successful completion of an Ontario year 4 program (or equivalent) which would allow the student to proceed to a full Ontario year 5 program. The overall average must be at least 60%. Certain diploma programs will also continue to require specific subjects at the year 3 and 4 level for admission.

Applicants with high standing in level 4, year 4 programs will be considered on an individual basis. All other applicants to diploma programs, with special circumstances, will be considered on an individual basis. Please note that Ontario students applying for admission to engineering technology programs out of year 5 will be considered for the second year of the program if they meet the subject requirements for admission to the first year of the applied science degree program.

Special Consideration
An applicant who lacks a specific required subject for his or her planned program or major may be considered if the level of achievement in associated subjects is substantially better than average. Each student in this category is considered on an individual basis.

Extraordinary Admission
The university is prepared to consider applicants for admission who have been away from formal education for at least two years at any time because of reasons beyond their control. Applicants will likely be interviewed by an Admissions Committee representative, and may be required to provide evidence of their proficiency in English. Each case is considered on its own merits.

Admission to First Year University from Year 5 (February)
In 1975 Lakehead University began offering courses in arts and science at first year university level from February 3 to the end of April. The program allows completion of three full credits and students may continue into summer school to complete the remaining two first year credits. This program was designed primarily to suit the needs of students graduating at the end of January from semestered high schools.

Admission to First Year University from Year 4
The university is prepared to consider exceptional year 4 students who attain an average of 80% and are recommended by their principal or school counsellor for entrance to first year of an appropriate degree program. Applicants admitted to first year of science and/or engineering will normally be required to take a mathematics course during the summer session.

Admission to One University Course as a Special Student
The university is prepared to consider qualified students for admission to degree studies, without the usual high school requirements. The basis of admission will be the student's performance in a suitable Lakehead University course, taken as a deferred credit, while the student is still in high school.

Early Admission
Ontario year 5 students who apply early and who have maintained at least third class standing through years 3 and 4 and mid-term year 5 will be considered for early admission. All students who apply early will be advised before the end of their school year with regard to their admission status.

Early admission consideration will also be extended to year 4 students who apply for admission to diploma programs.

- **Degree Programs and Subject Requirements**

Faculty of Arts
Degrees offered:
Bachelor of Arts, Honours Bachelor of Arts, Master of Arts.

Available majors in the three-year Bachelor of Arts degree: Anthropology, economics, English, English (Canadian studies), English (theatre arts), French, general program, geography, history, mathematical sciences, outdoor recreation resource studies, philosophy, political studies, psychology, sociology (Taiga studies), Spanish.

Majors available in the four-year Honours Bachelor of Arts degree:
Anthropology, economics (industrial relations), English, English and French, French, French and Spanish, geography (environmental planning or social and urban studies), history, mathematical sciences (computer science or applied mathematics option), philosophy, political studies, psychology, social work, sociology.

Admission Requirements for 1976
Admission into the Bachelor of Arts program in 1976 will require satisfactory completion of any Ontario year 5 program embracing at least three distinct subject areas. For example, English, geography, and mathematics; or English, history and another language, etc. The overall average must be at least 60% and at least one year 5 English credit must be included in the program. Certain majors in the Faculty of Arts also require specific year 5 prerequisites. For example, mathematics and the languages.

Faculty of Science
Degrees offered:
Bachelor of Science, Honours Bachelor of Science, Master of Science.

Integrated Science Program
In 1975 Lakehead University began offering a unique science program at first year university level from February 3 to the end of April. It carries a three-week credit equivalent and consists of 12 weeks of lectures and laboratories followed by a week of field work. The additional two credits required to complete the usual total of first year credits may be taken in summer school. This program was designed primarily to suit the needs of students graduating at the end of January from semestered high schools.

Majors available in the three-year Bachelor of Science program: Biology, chemistry, energy and fuel science, general program, geography, geology, liberal science, mathematical sciences, natural science, physics.

Majors available in four-year Honours Bachelor of Science program: Biology, chemistry, geography, mathematical sciences (applied mathematics option, computer science option), mathematical physics, medical laboratory science, physics.

Admission Requirements for 1976
Admission into a Bachelor of Science degree program at Lakehead University in 1976 will require satisfactory completion of any Ontario year 5 program embracing at least three distinct subject areas, preferably in the sciences. For example, mathematics, physics and chemistry. Some majors in the faculty do require certain year 5 prerequisites, for example, mathematics. Students considering a science program should include in their secondary school program a pattern of subjects consistent with their planned university majors.

Applicants to the general program and liberal science program, however, will be eligible for admission consideration without normal year 5 science requirements. The medical laboratory science program is a post registered technologist's program and requires registered technologist's certification (R.T.) and standing in first year university mathematics and chemistry for admission.

Faculty of Education
Degrees offered:
Bachelor of Arts-Bachelor of Education, Bachelor of Science-Bachelor of Education, Bachelor of Education, Master of Education.

The following professional four-year degrees are offered for teachers: A degree program for elementary school teachers (Certification Standard 4) leading to a B.A.-B.Ed. (Elementary) or B.Sc.-B.Ed. (Elementary); and a degree program for secondary school teachers (Type B or Type A Certification) leading to a B.A.-B.Ed. (Secondary) or B.Sc.-B.Ed. (Secondary). The equivalent of one year of professional studies and practice will provide the basis of certification in all programs.

The following double degrees are available: B.Sc.-B.Ed. (four years); B.A.-B.Ed. (four years). The following majors are available to B.A.-B.Ed. candidates: English, French, geography, history, mathematical sciences, Spanish. The following majors are available to B.Sc.-B.Ed. candidates: Biology, chemistry, geology, mathematical sciences, physics.

Students with two years in arts or science are eligible for admission consideration into a B.A.-B.Ed. or B.Sc.-B.Ed. degree program with advanced standing.

Lakehead University also offers a one-year Bachelor of Education degree program for holders of approved degrees qualifying the candidate for secondary school teaching or elementary school teaching.

Through consultation with the Dean, candidates may also arrange a choice of options and student teaching to qualify for both an Elementary School Teacher's Standard 4 Certificate and Type B Secondary School Certificate (combined program).

Admission Requirements for 1976
Admission into the Faculty of Education four-year double professional degree program will be the same as admission to any other degree program at the university (the same as arts or science).

University Schools
Degree Programs Offered
Admission into the following degree programs will require successful completion of a full year 5 program with certain year 5 prerequisites.

Honours Bachelor of Commerce
Four years. The applicant's year 5 program must include English and mathematics. Applicants without mathematics will be considered, though they may, if admitted, be required to take a non-credit mathematics course.

Bachelor of Engineering (Post-Diploma)
Two years. The applicant must hold a diploma in technology from a college of applied arts and technology, Ryerson Polytechnical Institute, Lakehead University or its equivalent. Preference will be given to applicants with experience in industry.

Please note that year 5 applicants who are eligible for entrance to second year of engineering technology may continue at Lakehead, receiving an engineering degree after four successful years of study. Year 4 applicants enter first year, receive a diploma after three years and may obtain an enginering degree after two further years of study.

Appicants who fail to meet the above requirements will be considered on an individual basis.

Bachelor of Applied Science
First year only. The applicant's year 5 program must include mathematics (three credits: Functions and relations, calculus and algebra, or equivalent), chemistry and physics.

Honours Bachelor of Science in Forestry
Four years. The applicant's year 5 program must include mathematics (relations and functions and calculus) and chemistry. Biology is recommended.

Honours Bachelor of Science in Nursing
Four-year basic: Applicants must include year 5 chemistry and biology in their programs. English is recommended. Three-year post-diploma: The applicant must hold university entrance requirements including year 5 chemistry (or equivalent) taken within the past five years or qualify under mature student regulations. The applicants must also have graduated from an approved School of Nursing and provide evidence of current registration or licensure to practice nursing in a province or state. (See health sciences section.)

Honours Bachelor of Physical and Health Education
Four years. The applicant's year 5 program must include English and chemistry. Applicants without year 5 chemistry will be considered on an individual basis and, if accepted, must take chemistry 1020 in first year.

Diploma Programs Offered
Admission to diploma programs will be based on successful completion of an Ontario year 4 program (or equivalent) which would allow the student to proceed to a full Ontario year 5 program. The overall average must be at least 60%. Certain diploma programs will also continue to require specific subjects at the year 3 and 4 level for admission.

Applicants with high standing in level 4, year 4 programs will be considered on an individual basis. Programs available include:

Business administration (three years); business administration-computer systems (three years)—applicants must have standing in years 3 and 4 mathematics; engineering technology (three years) with specialization in chemical, civil, electronics or mechanical engineering technology—applicants must have standing in years 3 and 4 mathematics and sciences. Applicants with a full year 5 or equivalent will be admitted to second year of the technology program if they have achieved an overall average of 60% in six subjects and a minimum 60% in mathematics. The six subjects should include year 5 physics, chemistry, three credits in mathematics, and one additional elective. Please note that year 5 applicants who are eligible for entrance to second year of the engineering technology program may continue at Lakehead University, receiving an engineering degree after four successful years of study. Students from year 4 enter first year and receive a diploma in technology after three years and may obtain an engineering degree after two further years of study.

Forest technology (two years)—applicants must have standing in years 3 and 4 mathematics and sciences. Certificate in environmental forest technology—one year after successful completion of a two-year post-secondary school program in forest technology with year 5 chemistry or equivalent. Timber harvesting technology—one year after successful completion of a two-year post-secondary school program in forest technology or the equivalent as determined by the Admissions Committee. Library technology (two years)—admission is based on evidence of a general level of academic achievement to the Ontario year 4 level.

Annual Fees
September 1975-April 1976

Degree Programs
Arts (including concurrent education, outdoor recreation resource studies, social work and make-up years) commerce and nursing $615
Applied science $670
Engineering $670
Forestry $625-675
Science (including concurrent education, medical laboratory science and make-up years) $625
Physical and health education $615-630
Education degree, B.Ed. (one-year program) $615
Diploma programs $350-400

Further Inquiries
Inquiries about admission requirements should be directed to
P.A. Paularinne
Assistant Registrar, Admissions
Lakehead University
Thunder Bay, Ontario P7B 5E1
Telephone (807) 345-2121 Ext. 527

Inquiries about secondary school liaison should be directed to
Mrs. S. de Haas
Secondary School Liaison Officer
Lakehead University
Thunder Bay, Ontario P7B 5E1
Telephone (807) 345-2121 Ext. 749

Information and application forms for student awards may be obtained from
J. W. Kerr
Dean of Students
Lakehead University
Thunder Bay, Ontario P7B 5E1

Laurentian University

Sudbury

President: E. J. Monahan

Laurentian University was founded in 1960 as a bilingual institution. Its campus, a ten minute drive from downtown Sudbury, extends over 800 acres of rugged and scenic bushland touching on five lakes. The striking buildings dominate the countryside.

Laurentian is one of the few universities in Canada to have a planetarium, a museum and an arts centre. The residences of Huntington, Thorneloe and Sudbury Colleges provide accommodation for 400 students. The Laurentian University residence complex includes University College Residence accommodating 250 students, a single student apartment building accommodating 394 students and a married student high-rise tower with 129 apartments.

Pledged to the maintenance and promotion of both the English and French languages and cultures, Laurentian offers most of the arts courses and some of the science courses in both languages. The academic program of its School of Translators and Interpreters is unique to Canada.

Three colleges in northern Ontario are affiliated with Laurentian: Algoma in Sault Ste. Marie, Nipissing in North Bay, and Collège de Hearst, Hearst.

Enrolment 1974-75
Full-time (all campuses) 2,800

Faculties and Schools
School of Commerce and Administration
School of Education
School of Engineering
School of Graduate Studies
School of Nursing
School of Physical and Health Education
School of Social Work
School of Translators and Interpreters
Faculty of Humanities
Faculty of Professional Schools
Faculty of Science
Faculty of Social Sciences

Library
The library's collection includes 300,000 volumes and 4,000 periodicals.

General Requirements for Admission
Minimum of three subjects—six credits, or five courses with a 60% average at the Ontario year 5 level, or the equivalent. Students enrolled in new programs will be given individual consideration. Asterisk (*) denotes petition for variance may be initiated with the Admissions Office

Early Admission
Early confirmation of final admission will be granted to students who have, in the opinion of the Admissions Committee, a satisfactory academic background. This acceptance is conditional upon the satisfactory completion of year 5.

• Degree Programs and Subject Requirements

Bachelor of Arts
General Degree:
Three years including 15 full courses, normally five courses each year. A concentration (five full courses in one subject taken over three years) is possible in anthropology, economics, English, français, French, geography, German, history, Italian, Latin, mathematics, philosophy, political science, psychology, religious studies, Russian, sociology, Spanish. Native studies and Canadian studies are interdisciplinary programs.

Honours Degree:
Four years, to include 20 full courses, at least eight of which will be honours courses.
Year 5 Subject Requirements for Bachelor of Arts Program
English or français.

Honours Bachelor of Commerce
Four years of study, 20 full courses. An honours Bachelor of Commerce in sports administration is an interdisciplinary program offered jointly by the School of Commerce and Administration and the School of Physical and Health Education.
*Year 5 Subject Requirements for Bachelor of Commerce Program**
English or français and year 5 level mathematics

Bachelor of Science
General Degree:
Three years of study including 15 courses, normally five courses each year. A concentration is possible in biology, chemistry, geology, mathematics, physics.

Honours Degree:
Four years. 20 full courses must be completed, including at least eight honours courses.
*Year 5 Subject Requirements for Bachelor of Science Program**
Calculus, chemistry, plus two of biology, physics, geology and mathematics other than calculus. (Recommended subjects: Chemistry, physics, two mathematics, and one other science credit.)

Bachelor of Science in Nursing
A four-year program preparing the graduate to begin the practice of professional nursing, both in general and specialized hospitals and in community health agencies. In addition, this program lays the foundation for graduate study leading to teaching, administration, research and clinical specialization. (See health sciences section.)
Year 5 Subject Requirements for Bachelor of Science in Nursing Program
English or français, chemistry and biology.

Honours Bachelor of Physical and Health Education
A four-year program with a curriculum designed to provide a sound background in physical and health education.
Year 5 Subject Requirements for Bachelor of Physical and Health Education Program
English or français.

Bachelor of Social Work (Honours)
A four-year program with the study of social work beginning in the first year. Limited enrolment.
Year 5 Subject Requirements for Admission to Bachelor of Social Work (Honours) Program
English or français.

Honours Bachelor of Science in Language
A four-year program to train translators for posts in Canada and abroad with the Canadian government, Canadian industry, and with various international organizations in America and Europe.
Year 5 Subject Requirements for Honours Bachelor of Science in Language Program
English (minimum average 66%), French or français (minimum average 66%). A third language is strongly recommended.

Education
The School of Education offers a one-year program leading to the certification of French-speaking teachers for the elementary French language classes in Ontario schools.
Year 5 Subject Requirements for Admission to the School of Education
Français and English or anglais.

Engineering
Instruction is presently offered in the first and second year of a four-year course, leading to the first professional degree in chemical, metallurgical, civil, mechanical and mining engineering.
Year 5 Subject Requirements for Engineering Program
Mathematics (calculus), mathematics (introductory analytical geometry and algebra)*, chemistry, physics.

Annual Fees
Tuition and incidental fees
Full-time students $663
Residence
Single room $750-$810
Double room $600-$740
Meals
Meals are available on a cash basis or a meal card may be purchased.

Further Inquiries
Information and application forms for student awards may be obtained from
R. Woloszczuk
Director of Student Affairs, Awards
Laurentian University
Sudbury, Ontario P3E 2C6

Inquiries about admission requirements and requests for more general information should be directed to
Miss Shirley Vincent
Admissions Officer
Laurentian University
Sudbury, Ontario P3E 2C6
or
D. St. Jules
Secondary School Liaison Officer
Laurentian University
Sudbury, Ontario P3E 2C8
Telephone (705) 675-1151
675-2280
675-2289

*Petitions for variance may be initiated with the Admissions Office

Algoma University College
Sault Ste. Marie

Acting Principal: Francis R. Guth

Algoma University College is a non-sectarian liberal arts college in affiliation with Laurentian University. The college, which has been operating since 1967, is housed in Shingwauk Hall and several adjoining buildings on a 53-acre site overlooking the St. Mary's River. Associated with the college on campus is the Algoma Conservatory of Music, offering lessons and classes leading to the A.R.C.T. and teacher's diploma levels. The college operates a part-time program wholly integrated with the full-time program, and also extensive intersession and summer school programs.

Library
80,000 volumes; 1,000 periodical titles. Recently completed is a new library wing which will house 100,000 volumes. Renovations have provided for an improved bookstore, coffee shop and student lounge facilities. The college operates a day nursery on campus for children of students and faculty.

Admission Requirements
Same as for Laurentian University, Sudbury.

- **Programs Offered**
Algoma University College offers the full three-year general Bachelor of Arts program and a new three-year interdisciplinary program in life sciences and environmental studies. In addition, the college offers the first year of the Bachelor of Science, the first two years of the Bachelor of Social Work and Bachelor of Commerce programs.

Scholarships
The college offers attractive entrance and continuing scholarships for full-time students, and has a bursary program for part-time students.

Tuition (1974-75)
Full-time students $600
Part-time students $120 (per course)

Further Inquiries
Information regarding entrance requirements and academic programs may be obtained from
Office of the Registrar
Algoma University College
Shingwauk Hall
Sault Ste. Marie, Ontario P6A 2G4
Telephone (705) 949-2301

Information on other aspects of the college and its services may be obtained from
Public Relations Officer
Algoma University College
Shingwauk Hall
Sault Ste. Marie, Ontario P6A 2G4
Telephone (705) 949-2301

Collège de Hearst
Hearst

Principal: Raymond Tremblay

Collège de Hearst was founded in 1953 to allow the French-speaking people of northern Ontario to reach the university level. This institution is provincially unique since its main language of instruction is French.

In 1957 Collège de Hearst was affiliated with the University of Sudbury and, in 1963, with Laurentian University, which grants a Bachelor of Arts degree to graduating students of the college.

The college offers a three-year Bachelor of Arts program for full and part-time students in Hearst and in Kapuskasing, and for part-time students in Cochrane, Smooth Rock Falls, Moosonee, Iroquois Falls and Hornepayne.

Library
The library contains 13,000 books and holds 100 periodicals.

- **Programs Offered**
Collège de Hearst offers its full-time and part-time students a complete program leading to the Bachelor of Arts degree. Concentration subjects are English, français, history, philosophy, psychology and sociology.

Admission
Admission requirements are the same as those at Laurentian University.

Fees
Full-time students: $630 for one academic year divided into two semesters.

Further Inquiries
More information may be obtained from
Doric Germain
Registrar
Collège de Hearst
P.O. Box 580
Hearst, Ontario P0L 1N0
Telephone (705) 362-4841

Nipissing College
North Bay

President: G. J. Zytaruk

Nipissing College is a liberal arts college affiliated with Laurentian University of Sudbury. The college began operations in 1966 and in the fall of 1972 it moved into new facilities at the North Bay College Education Centre. The new 720-acre campus is unique as it accommodates Nipissing College and Canadore College of Applied Arts and Technology. Central facilities, including library, cafeteria, gymnasium, bookstore and student residences, are shared.

In September 1973, North Bay Teachers' College was integrated with Nipissing College and became the Faculty of Education of the college.

Library
65,000 volumes; 400 periodical titles.

General Requirements for Admission
Candidates currently in Ontario year 5 should apply through their high school using the general application form.

Applications received by the date announced on the application form will be given early consideration. All other candidates should write to the Office of Admissions, giving details of their previous academic work. Petitions for variance may be initiated with the Admissions Office.

Bachelor of Education
Proof of graduation with an approved degree from an accredited unversity. Birth certificate and proof of freedom from active tuberculosis.

- **Degree Programs and Subject Requirements**

Bachelor of Arts
The general Bachelor of Arts degree is usually taken in three years. It consists of 15 courses including five in an area of concentration and three in an area of continuation. A minimum of three third year courses and no more than eight first year courses should be contained in the full program.

A concentration is possible in English, français, sociology, geography, psychology, history.

Bachelor of Education
The Faculty of Education offers a one-year consecutive program leading to a Bachelor of Education degree. This program prepares candidates for teaching in the elementary schools of Ontaro and meets the requirements of the Ministry of Education for the Elementary School Teacher's Certificate, Standard 4, which is valid up to and including year 2 of secondary school.

Other Programs
As well as the Bachelor of Arts and Bachelor of Education degrees, Nipissing College offers parallel first year programs in B.S.W. (Bachelor of Social Work), B.Sc. (Bachelor of Science), and the first two years of a B. Com. (Bachelor of Commerce).

Annual Fees
Tuition—full-time students $665
Residence—meals excluded $715

Housing
The student residence, which accommodates 300 students, is built as 50 apartments in the style of townhouses. Each townhouse accommodates six students. Each student has his/her own bedroom and built-in study area. A kitchen and living room are shared.

Further Inquiries
Information regarding entrance requirements and academic status may be obtained from
The Registrar
Nipissing College
P.O. Box 5002
Gormanville Road
North Bay, Ontario P1B 8L7
Telephone (705) 474-3450

Inquiries about financial assistance, housing or facilities should be sent to
Information Officer
Nipissing College
P.O. Box 5002
Gormanville Road
North Bay, Ontario P1B 8L7
Telephone (705) 474-3450

McMaster University

Hamilton

President: Arthur N. Bourns

Neither small nor yet a multiversity, McMaster began life in the last century as a Baptist theology school in Toronto.

Since moving to Hamilton in 1930, McMaster has become non-denominational, grown to number 40 buildings, and introduced new programs in business, health sciences, social work, music, nuclear science, and engineering, to mention only a few.

The Faculty of Business and the Faculty of Engineering, whose individual programs are well recognized, have recently established a joint program to meet the special demands of modern industry and commerce. The Faculty of Medicine has in a very few years earned an international reputation for its imaginative system of medical education. The School of Nursing shares with Medicine the excellent facilities for training and service that are located in the university's Health Sciences Centre. The School of Social Work has developed a broad community involvement that assures a variety of career opportunities to its students. The School of Physical Education is housed in a modern and well equipped complex which includes several gymnasia and an Olympic length swimming pool.

One of Ontario's medium size universities, McMaster combines the intimacy of a small university with the range of opportunities of the larger institutions. Students at McMaster enjoy easy contact with the faculty and find many opportunities to make close friendships, especially in the newly-renovated student centre, Hamilton Hall, with its brightly-colored lounges and clubrooms.

The university's residences offer a wide choice of accommodation which include separate facilities for men and women, a co-educational residence and a new apartment style building. The residences are situated above the beautiful Royal Botanical Gardens whose hundreds of acres of park lands provide an attractive back yard for the university.

McMaster is located in an established residential area of Hamilton, a vigorous city which has undergone a remarkable rejuvenation in recent years. Students will find that the centre of the city now boasts a splendid theatre-auditorium which offers an excellent range of musical and dramatic entertainment. The fast-developing Hamilton Philharmonic Orchestra, active little theatre companies, and the promise of a new art gallery, exemplify a city whose cultural life is thriving and which complements the many cultural activities that take place on the university campus.

Enrolment 1974-75
Full-time 9,397

Faculties and Schools
Faculty of Business
Faculty of Engineering
Faculty of Health Sciences
Faculty of Humanities
Faculty of Science
Faculty of Social Sciences
School of Adult Education
School of Graduate Studies
School of Medicine
School of Nursing
School of Physical Education and Athletics
School of Social Work
McMaster Divinity College (affiliated)

Library
In November 1974 the university library contained some 745,000 catalogued books, periodicals and government documents. It possesses 890,000 microform cards and reels, over 79,000 maps, 1,226,000 pieces of archival material and 6,000 recordings.

The Division of Archives and Special Collections houses rare books, manuscripts and archival material, which afford opportunities for original research. Among the unique holdings are the renowned Bertrand Russell Archives, manuscripts of English and Canadian authors, including those of Anthony Burgess, Margaret Laurence, and Pierre Berton, and a large and significant section of 18th century publications. Of particular interest to students are the papers of some Canadian student organizations, such as the Canadian Union of Students.

General Admission Requirements for 1975-76
To be eligible for admission, applicants must meet the following requirements.

Year 4 Requirements
Business 1, Physical Education 1 and Social Sciences 1 require mathematics at least to the end of year 4. Business 1 also requires year 4 English. However, applicants to Physical Education 1 and to Social Sciences 1 who have not been able to comply with this requirement will be considered and should write to the Assistant Registrar (Admissions).

Year 5 Requirements
Applicants for admission must have standing satisfactory to the university in the appropriate "area requirements" together with any additional work sufficient to qualify the applicant for the Ontario Secondary School Honour Graduation Diploma.

It is strongly recommended that all potential applicants take, wherever possible, a senior high school course in English designed to improve their basic reading and writing abilities. Applicants to Humanities 1 and Music 1 must offer level 5 (grade 13) English for admission.

Note: Higher standings may be required of applicants who have taken more than five years to complete the requirements for the Ontario Secondary School Honour Graduation Diploma.

Early Admission
Subject to satisfactory completion of year 5, early admission will be granted to selected applicants who are attempting for the first time all the year 5 credits for admission to a given first year.

Year 5 Requirements for Specific Fields of Study

The university is aware of the variety of experimental programs being offered in Ontario secondary schools and welcomes applicants from these programs. Although it may not be possible for some of these applicants to meet exactly the subject requirements outlined below, they are urged to write the Assistant Registrar (Admissions) who will ensure that careful consideration is given to their individual cases. Humanities 1, Natural Sciences 1 and Social Sciences 1 are broad fields of study in first year leading to a variety of honours and pass programs in the second year. Business 1, Engineering 1, Music 1, Nursing 1 and Physical Education 1 are the first year courses of the programs leading to the Bachelor of Commerce, Bachelor of Engineering, Bachelor of Music, Bachelor of Science in Nursing and Bachelor of Physical Education, respectively.

Area Requirements

Business 1:

Six year 5 credits are required, including mathematics (preferably calculus). The Faculty of Business requires English at least to the end of year 4 and recommends it taken in year 5.

Engineering 1:

Chemistry, physics, and three credits in mathematics (including calculus).

An applicant from an Ontario secondary school will be eligible for admission to Engineering 1 under one of the following categories:

a) Weighted average of 64% in three level 5 (year 5) credits of mathematics, one level 5 (year 5) credit each of physics and chemistry, and an overall average of 64% in six credits offered for the Ontario Secondary School Honour Graduation Diploma

b) Weighted average of 70% in six credits offered for the OSSHGD as well as 72% in two credits of mathematics (which should include calculus). Level 5 (year 5) physics or chemistry credits are not necessary for admission. Further details on this category of admission can be obtained from secondary school guidance departments.

Students admitted under the first category take the Engineering 1 program while those admitted under the second category take a modified Engineering 1 program determined in consultation with the Dean of Studies in Engineering.

Humanities 1:

English and a language other than English. Those applicants who lack a level 5 (year 5) language other than English may be accepted for admission on the understanding that they include a language other than English in their first year program. The level of the language course to be taken will be determined by the applicant's background in that subject.

Students intending to take Art 1A6 must submit to the Chairman of the Department of Art and Art History a portfolio to show their interest and ability.

Music 1:

Students interested in registering in the music program will need to:

(a) Complete six level 5 (year 5) credits with an overall weighted average of 60% (English to be included in these six credits), and

(b) satisfy the audition requirement which consists of:

(1) performance of two or three varied pieces of the candidate's choice, including one from the 20th century. Required standard at least Grade 8.

(2) ear tests,

(3) short written examination, consisting of rudiments,

(4) viva voce and interview, and

(5) demonstration of basic keyboard skills including scales, chords, harmonization of a simple melody. (Those applicants unable to meet minimum musical standards will be expected to register in a basic keyboard skills course.)

Students who lack a level 5 language other than English will be admitted on the understanding that they include a language other than English in first year. The level of the language course to be taken will be determined by the applicant's background in that subject.

Natural Sciences 1:

An applicant from an Ontario secondary school is required to attain a weighted average of at least 60% in six level 5 (year 5) credits and satisfy the following requirements: One credit in mathematics (preferably calculus) and two from biology, chemistry, physics or mathematics, with a weighted average of at least 60% in these three credits.

Applicants lacking level 5 (year 5) physics must offer at least two level 5 (year 5) mathematics credits for admission.

Applicants who intend to proceed to programs in applied chemistry, applied mathematics, applied physics, biochemistry, chemistry, geology, mathematics, metallurgy or physics are strongly advised to include additional level 5 (year 5) mathematics credits. It is recommended that students who intend to proceed to a program in biology include year 5 biology.

Nursing 1:

Level 5 (year 5) chemistry, and two of biology, English, another language, mathematics and physics.

It is strongly recommended that students entering Nursing 1 complete at least level 4 (year 4) mathematics. This subject will be required in 1977-78.

As places in first year nursing are limited, admission is by selection. To qualify for consideration, applicants from various academic backgrounds are expected to have qualifications equivalent to the requirements outlined. Mature students and students who do not meet these requirements are invited to write to the Assistant Registrar (Admissions). (See health sciences section).

Physical Education 1:

There are no specific level 5 (year 5) subject areas which are required for admission to Physical Education 1, although it is recommended that one or two of the following sciences be included in level 5: Biology, chemistry, physics. Mathematics at least through level 4 (year 4) is required, although applicants who are not able to comply will be considered.

Social Sciences 1:

There are no specific level 5 (year 5) credits required for admission to social sciences. Mathematics at least through level 4 (year 4) is required, although applicants who are not able to comply will be considered.

Applicants who might be interested in concentrating in economics, psychology, or geography from Social Sciences 1 are strongly advised to include mathematics in their level 5 (year 5) programs.

Applicants to Social Sciences 1 (Art) may be asked to submit a portfolio.

• Degree Programs Offered

Bachelor of Arts

Pass Program:

Three years. Available in anthropology, art, art history, classical civilization, dramatic arts, economics, English, French, geography, German, history, Italian, Latin, music, philosophy, political science, psychology, religion, Russian, sociology, Spanish.

Honours Program:

Four years. Available in the following subjects and combinations of these: Anthropology, art, art history, classical civilization, classics, dramatic arts, economics, English, French, geography, German, history, Italian, Latin, mathematics and philosophy, philosophy, political science, psychology, religion, Russian and another subject, sociology, Spanish.

Within the framework of the political science and religion programs listed above, it is possible to specialize in the following two areas: Asian studies, social/political ideas.

The Faculty of Social Sciences has a special integrated studies program in first year to which only 150 students are admitted. Students interested in applying to this course should write to the Dean of Social Sciences Studies, McMaster University, Hamilton, Ontario L8S 4L8.

Bachelor of Science

Pass Program: Three years.

Available in biology, chemistry, computer science, geography, geology, mathematics, physics, psychology.

Honours Program: Four years.

Available in applied chemistry, applied mathematics and computer science, applied mathematics and theoretical physics, applied physics, applied statistics and computation, biochemistry, biology, chemistry, chemistry and geology, chemistry and physics, computer science and mathematics, geography, geography and geology, geology, mathematics, metallurgy and materials science, physics, psychology, statistics.

Major Program: Four years.

Available in applied mathematics and computer science, applied statistics and computation, biochemistry, chemistry, computer science and mathematics, geology, mathematics, metallurgy and materials science, physics.

Bachelor of Science in Nursing
Four years.

Bachelor of Engineering
Four years. Available in ceramic, chemical, civil, electrical, mechanical, metallurgical engineering and engineering physics.

Bachelor of Engineering and Management
Five years. Available in combination with chemical, civil, electrical, mechanical engineering and engineering physics.

Bachelor of Commerce
Honours Degree: Four years.

Bachelor of Physical Education
A four-year program leading to the Bachelor of Physical Education degree.

Bachelor of Social Work
A four-year program leading to the Bachelor of Arts and Bachelor of Social Work degrees.

Bachelor of Music
Honours degree:
Four years. Available in history and theory of music and in music education.

Medicine
Three-year program leading to M.D. Open to those with three years of university.

Accommodation
There is at present accommodation for 2,343 women and men. The rooms are provided with staple articles of furniture—tables, chairs, beds, mattresses, pillows and all necessary bedding. Resident students are required to supply towels at their own expense.

The services of the infirmary, staffed by graduate nurses, are available to all resident students.

The women's residences are administered by the Dean of Women, and the men's residences by the Dean of Men.

Residence fees are $1,100 and include room and lunch and dinner, five days per week. These costs (based on 1974-75 figures) are subject to change.

Annual Tuition Fees
(including incidental fees) 1974-75
(subject to change)
Art and Art History $632.50
Arts and Social Sciences $637.50
Commerce $632.50
Engineering $702.50
Medicine $1,200
Music $642.50
Nursing $627.50
Physical education $642.50
Science $647.50
Social work $632.50

Further Inquiries
Information about admission requirements may be obtained from
Mr. H. D. Bridle
Assistant Registrar (Admissions)
McMaster University
Hamilton, Ontario L8S 4L8

General information about the university may be obtained from
Director of Student Liaison
McMaster University
Hamilton, Ontario L8S 4L8

Information about scholarships may be obtained from
Miss O. Tynowski
Academic Awards Officer
McMaster University
Hamilton, Ontario L8S 4L8

Information and application forms for financial assistance may be obtained from
Mr. W. N. Paterson
Assistant to the President (Awards)
McMaster University
Hamilton, Ontario L8S 4K1

Telephone (416) 525-9140

University of Ottawa

Ottawa

Rector: Roger Guindon

In its present form and structure, the University of Ottawa dates from July 1, 1965. Historically its beginnings derive from the College of Bytown, established 127 years earlier, on August 15, 1848, by the Oblate Fathers of Mary Immaculate.

Two provisions in its charter render the university unique among the universities in Ontario, indeed of Canada. Besides the advancement of learning and the dissemination of knowledge, its particular objectives are:

(1) To further, in accordance with Christian principles, the intellectual, spiritual, moral, physical and social development of, as well as a community spirit among, its undergraduates, graduates and teaching staff, and to promote the betterment of society;
(2) to further bilingualism and biculturalism and to preserve and develop French culture in Ontario.

These ensure the university's continued development as a place of learning with the kind of personality and atmosphere possible only in a genuinely Canadian institution where both the English and French languages, and both cultures, are evident and at work throughout the length and breadth of its campus.

Faculties and Schools
Faculty of Arts
Faculty of Education
Faculty of Law (Common Law and "Droit civil")
Faculty of Management Sciences
Faculty of Medicine
Faculty of Philosophy
Faculty of Psychology
Faculty of Science and Engineering
Faculty of Social Sciences
School of Graduate Studies
School of Library Scinece
School of Nursing
School of Physical Education and Recreation

Enrolment 1974-75
Undergraduate fulf-time and part-time 18,011
Graduate full-time and part-time 4,890
Total 22,901

General Requirements for Admission in 1975

Science and Engineering
Pre-Science Year:
Leading to first year science, engineering.
Year 4 Requirements for Admission
Ontario year 4 with an overall average of 65% and 65% in the science and mathematics subjects.
English or français, mathematics, science, and three other subjects with at least two from Group 1.

Group 1: Geography, history, mathematics, science, languages, art, music, or social sciences.
Group 2: Commercial or technical subjects or one other subject accepted for the Ontario Secondary School Graduation Diploma.

Arts or Social Sciences
A Pre-University Year is not offered in the Faculty of Arts.

By exception, the Ontario year 4 student with an overall average of 80% on final marks may be admitted to the first year of the Faculty of Arts or of the Faculty of Social Sciences.
Year 4 Requirements for Admission
English or français and five other subjects with at least four from Group 1.
General Admission Requirements to First Year
A full Ontario year 5 program or equivalent of academic work with a value of at least six credits. A minimum mark of 50% per course with an overall average of 60%.

Fulfillment of the minimal requirements does not in itself guarantee admission to the university.

• Degree Programs and Subject Requirements

Bachelor of Arts
General or with a concentration: Three years from Ontario year 5. Available in classical art and archaeology, classical studies, economics, English, English theatre, French language and literature, geography, German, history, history of art, history of religions, "lettres françaises", linguistics, mathematics, music, philosophy, photo-cinema studies, political science, psychology, religious studies, Slavic languages and literatures, social communications, Spanish, theatre, translation, visual arts.

Honours Program with Major and Minor:
Four years from Ontario year 5.
Majors offered:
Applied linguistics, classical studies, English, English as a second language, English theatre, French language and literature, geography, history, history of art, "lettres françaises", linguistics, music, philosophy, photo-cinema studies, religious studies, Slavic studies, Spanish.

Minors offered:
Classical art and archaeology, classical studies, economics, English, English theatre, French language and literature, geography, German, history, history of art, history of religions, "lettres françaises", linguistics, mathematics, music, philosophy, photo-cinema studies, Polish, political science, religious studies, Russian, sociology, Spanish, Ukrainian, visual arts.

Year 5 Requirements for Admission
An overall average of at least 60% in English or français (one credit) and five credits from other acceptable courses.

Bachelor of Arts (Philosophy)
Honours:
Three years from the first year of a Bachelor of Arts program after Ontario year 5.

Bachelor of Music
Honours:
Four years from Ontario year 5.
Available in composition, education, musicology, performance.

Year 5 Requirements for Admission

Bachelor of Music (Composition, Education, Musicology)
An overall average of at least 60% in the following subjects: English or français (one credit) and five credits from acceptable courses.

Bachelor of Music (Performance)
By exception, candidates to this degree will be admissible to first year after Ontario year 4 with English (one credit), five other subjects with at least four from Group 1, and an overall average of 65%.

Musical Requirements
Candidates will undertake two tests: They will perform, on their major instrument, an audition of 15 minutes to be evaluated by three adjudicators appointed by the Department of Music. They will also take a test to determine the extent of their knowledge in the rudiments of music.

Bachelor of Science in Dietetics
Honours:
Four years from Ontario year 5.
Year 5 Requirements for Admission
An overall average of at least 60% in the following subjects: English or français (one credit); chemistry (one credit); mathematics—functions and relations (one credit) plus mathematics—calculus (one credit), or one mathematics and physics (two credits), or two credits from other acceptable courses.

Bachelor of Administration
Three years from Ontario year 5.
Year 5 Requirements for Admission
An overall average of 60% in the following subjects; English or français (one credit), mathematics—functions and relations (one credit), mathematics—calculus (one credit), three credits from other acceptable courses.
Bachelor of Commerce, Bachelor of Management Sciences (with a Major in Operations Research), Bachelor in Public Administration
Honours:
Four years from Ontario year 5.
Year 5 Requirements for Admission
An overall average of at least 60% in the following subjects: English or français (one credit), mathematics—functions and relations (one credit), mathematics—calculus (one credit), and three credits from other acceptable courses.

Bachelor of Science in Nursing
Honours:
Four years from Ontario year 5
Year 5 Requirements for Admission
An average of 65% in science courses and an overall average of 60% in the following subjects: English or français (one credit), biology (one credit), chemistry (one credit), and three credits from other acceptable courses. (See health sciences section).

Bachelor of Physical Education
General: Three years after Ontario year 5.
Honours: Four years after Ontario year 5.

Year 5 Requirements for Admission
An overall average of at least 60% in the following: English or français (one credit) and five credits from other acceptable courses.
A letter of recommendation is required from a person competent in evaluating the promise of success in the given field of studies. Curriculum vitae describing experience and/or reasons for wanting to complete the degree.

Bachelor of Science in Kinanthropology, Bachelor of Science in Recreology
Year 5 Requirements for Admission
An overall average of at least 60% in the following subjects: English or français (one credit) and five credits from other acceptable courses. A letter of recommendation is required from a person competent in evaluating promise of success in the given field of studies. Curriculum vitae describing experience and/or reasons for wanting to complete the degree.

Bachelor of Science
General:
Three years from Ontario year 5 with majors available in biochemistry, biology, chemistry, computer science, geology, mathematics, mathematics-science, physics, physics-geology, physics-mathematics.

Honours:
Four years from Ontario year 5. Available in biochemistry, biology, chemistry, computer science, geology, mathematics, mathematics-science, physics, physics-mathematics.

Year 5 Requirements for Admission
An overall average of at least 60% and an average of at least 60% in the science and mathematics subjects. Mathematics—functions and relations (one credit) and mathematics—calculus (one credit), or mathematics—algebra (one credit) and physics or chemistry (one credit).
Recommended: Both physics and chemistry; three credits from other acceptable courses.

Bachelor of Applied Science
Four Years from Ontario year 5.
Available in electrical, chemical, civil and mechanical engineering.

Year 5 Requirements for Admission
An overall average of at least 60% and an average of at least 60% in the science and mathematics subjects.
Mathematics—functions and relations (one credit) and mathematics—calculus (one credit) or mathematics—algebra (one credit) and physics or chemistry (one credit.) Recommended: Both physics and chemistry; three credits from other acceptable courses.

Bachelor of Social Sciences
With a concentration: Three years from Ontario year 5.

Honours Program:
Four years from Ontario year 5. Available in economics, political science and sociology.
Honours Program with Major and Minor:
Four years from Ontario year 5.
Majors offered in: Economics, political science, sociology.
Minors offered in: Economics, geography, history, mathematics, political science, psychology, sociology.

Year 5 Requirements for Admission
An overall average of at least 60% in six credits from acceptable courses. The student who wishes to specialize in economics must present: Mathematics—functions and relations (one credit) and mathematics—calculus (one credit).

Bachelor of Education
One year following a recognized bachelor's degree, leading to the Primary School Specialist's Certificate or to the Elementary Teacher's Certificate.

Bachelor of Laws
(Common Law section of the Faculty of Law)
Three years following a minimum of two years of a bachelor's program beyond Ontario year 5 in a recognized university.

Licence en Droit
(Section de Droit civil de la Faculté de Droit)
Trois années après le baccalauréat ès arts ou l'obtention d'un diplôme jugé équivalent.

Combined Bachelor of Laws—Licence en Droit Program
A common content of "Canadian Law" subjects makes it possible to combine both programs, enabling students to obtain both degrees in four years.

Doctor of Medicine
Candidates in the following categories are eligible to apply for admission to first year of the four-year M.D. program:
(a) University of Ottawa students who have obtained the Bachelor of Science degree from the Faculty of Science and Engineering;
(b) students who have completed the first two years of the Bachelor of Science in biology program of the Faculty of Science and Engineering;
(c) students who have completed in other universities studies equivalent to those listed above, provided such studies are approved by the College of Physicians and Surgeons of Ontario.

Student Awards
Students are requested to contact the Student Financial Aid Office to obtain information on loans, scholarships, bursaries and various award plans available.

Residence Accommodation
The student residences on campus are LeBlanc Hall and Marchand Hall for men, Stanton Hall for women and Thompson Hall for men and women.

Annual Fees
Pre-science year $572
Medicine $817
Music (Bachelor of Music) $672
Science and engineering $722
All other undergraduate programs $647

Federated University and Affiliated College (in Ontario)
Saint Paul's University, Ottawa
St. Augustine's College of Arts, Toronto

Further Inquiries
Inquiries about undergraduate admission should be directed to
Mr. Raymond R. Labelle
Assistant Registrar (Admissions)
University of Ottawa
Ottawa, Ontario K1N 6N5
Telephone: (613) 231-3930

For information and application forms for student awards, write to
Mr. Michel Leduc, Director
Student Financial Aid Office
University of Ottawa
Ottawa, Ontario K1N 6N5
Telephone: (613) 231-2484

Inquiries about university information programs should be sent to
Miss M. Danielle Chartrand
Admissions Officer
University of Ottawa
Ottawa, Ontario K1N 6N5
Telephone: (613) 231-3930

Queen's University

Kingston

Principal: Ronald L. Watts

Queen's was founded by Royal Charter in 1841 as a Presbyterian College and has grown both physically and in reputation to become one of Canada's best known medium-sized universities. Its initial enrolment of ten students has grown now to include 9,700 full-time students who attend classes on two campuses. The main campus is located close to downtown Kingston, one of Canada's oldest and most historic cities, while the Faculty of Education and Richardson Memorial Stadium are located a mile away on the West Campus. Nineteenth century limestone structures on the main campus harmonize with more modern buildings, some built as recently as last year to accommodate the growing diversity of the university's facilities.

Queen's University has long had a reputation for developing in its students and graduates a deep personal commitment. This is due in part to its modest size and to the fact that the overwhelming majority of students leave their hometown to study at Queen's and become an integral part of the university community by taking up residence on or near the campus.

Student life at Queen's is enriched by an art gallery, films, concerts, special lectures, an international centre, a radio station and a large physical education complex. With more than one million volumes, the library system at Queen's has one of the highest ratios of books per student in Canada.

Enrolment 1974-75
Full-time 9,712

General Requirements for Admission for 1976
In general, applicants must satisfactorily complete a full year of academic work at the year 5 level as certified by the school. No student with an average of less that 60% will be considered for admission but, because of limitations of space, preference will be given to students with the best qualifications.

Students in planning their secondary school programs should note that a number of courses taken in the first university year have secondary school prerequisites. Details may be found in the calendars. Generally, students continuing university work in subjects studied in secondary school are expected to have year 5 or equivalent standing in those subjects.

Early offers of admission are made each year to applicants who have attained satisfactory standing, who are recommended by their principal and who satisfactorily complete year 5. The details of standing required for admission are determined each year and vary among the faculties and schools. Early offers of admission will be withdrawn from students who have failed to complete year 5 satisfactorily.

Degree Programs and Admission Requirements

Bachelor of Arts
Three years; 15 courses over the three-year period; includes a minor concentration of five courses in one subject. In some disciplines, one or two prerequisites or co-requisite courses in other disciplines may be required to support a minor concentration. Additional courses to complete the 15 courses required for the degree may be chosen freely by the student, provided the prerequisites for the courses have been met. A minor concentration may be taken in any of the following: Art history, biochemistry, biology, chemistry, classical studies, computing and information science, drama, economics, English, film studies, French, geography, geological sciences, German, Greek, history, Italian, Latin, mathematics, music, philosophy, physics, political studies, psychology, religion, Russian, sociology, Spanish. In addition, special interdepartmental programs are offered in the following: Health, Image of Man in Modern Literature, life sciences.

Bachelor of Arts (Honours)
Four years; minimum of 19 courses arranged in one of the following patterns:
) Major concentration of ten courses in one subject plus electives,
) two medial concentrations of seven courses in each of two subjects (one must be a humanities or social science) plus electives, or
) a special field concentration of 14 courses in two or more subjects organized around a particular period, culture, problem or discipline area, plus electives.

) A major concentration may be taken in one of the following areas: Art history, classical studies, drama, economics, English, French, geography, German, Greek, history, Latin, philosophy, political studies, psychology, religion, Russian, sociology, Spanish.
) Medial concentrations may be taken in the following areas (one must be a humanities or social science): Art history, biology, chemistry, classical studies, computing and information science, drama, economics, English, film studies, French, geography, geological sciences, German, Greek, history, Latin, mathematics, music, philosophy, physics, political studies, psychology, religion, Russian, sociology, Spanish.
) A special field concentration may be taken in one of the following: Canadian studies, classical studies, classics, Commonwealth studies, culture change, French Canadian studies, French language, Greek language and civilization, Latin language and civilization, mediaeval studies, Russian and East European studies, social behaviour, Spanish and Latin American studies, translation.

Requirements for Admission to Bachelor of Arts Programs
Completion of a full year of academic work at the year 5 level as certified by the school.
Note: For an honours B.A. in mathematics applicants must offer two credits in mathematics (chosen from calculus, algebra, and functions and relations). All three are strongly recommended. For the three-year Bachelor of Arts degree with a concentration in science or mathematics, applicants must offer two credits in mathematics (chosen from calculus, algebra, functions and relations) and two credits of biology, chemistry or physics. All three mathematics are strongly recommended for students intending to concentrate in mathematics, physics or chemistry.

Bachelor of Science (Honours)
Four years; 20 courses. The Bachelor of Science (Honours) program is analogous to the Bachelor of Arts (Honours) program, and may be pursued according to the following patterns:
(a) A major concentration of ten courses designated by one department of mathematics or the natural sciences, plus supporting courses and electives, or
(b) a 14-course concentration specified by two or more departments of mathematics or the natural sciences, plus supporting courses and electives.

(a) A major concentration of ten courses may be taken in one of: Biology, chemistry, geography, geological sciences, mathematics, physics.
(b) A fourteen-course concentration may be taken in one of the following: Chemistry and biology; chemistry and computing and information science; chemistry and geography; chemistry and geological sciences; chemistry and mathematics; computing and information science and mathematics; computing and information science and physics; physics and mathematics.

Bachelor of Science (Honours, Subject of Specialization)
Four years; 20 courses. This program consists of a highly specialized concentration of up to 18 courses specified by one or more departments, plus supporting courses and electives.
It is available in the following areas: Biochemistry, biology, chemical physics, chemistry, geography, geological sciences, life sciences, mathematical physics, mathematics, mathematics and statistics, physics, theoretical physics.

Requirements for Admission to Bachelor of Science Programs
Completion of a full year of academic work at the year 5 level as certified by the school, to include two credits in mathematics (chosen from calculus, algebra, functions and relations), one credit in chemistry and one credit in physics.
Note:
(a) Biology may be substituted for physics by students entering programs in biology. If year 5 physics is not offered, Physics 001 must be taken in the first university year. All three mathematics credits are strongly recommended for students entering chemistry, mathematics or physics.
(b) The Bachelor of Science program in mathematics is designed for students who wish to specialize to a high degree in mathematics. A medial concentration in mathematics is available in the Bachelor of Arts program, however, a major concentration is available only in the Bachelor of Science program.
(c) Students intending to undertake a Bachelor of Science (Honours) program with a concentration in mathematics or a Bachelor of Science (Honours Mathematics) program with supporting subjects in the arts, commerce or computing and information science may substitute year 5 options for chemistry and physics.

Bachelor of Arts and Bachelor of Physical and Health Education
Combined program: Four years. Students take 15 arts and science courses as for the three-year Bachelor of Arts program and additional work in courses, seminars, camping and ski schools in the physical and health education portion of the program. Upon sucessful completion the student is granted the degrees of Bachelor of Arts and Bachelor of Physical and Health Education.

Requirements for Admission to the Combined Bachelor of Arts-Bachelor of Physical and Health Education Program.
Completion of a full year of academic work at the year 5 level as certified by the school to include one credit in mathematics and one credit in chemistry. If the school offers physical and health education as a year 5 credit, students are advised to include it in their program.

Bachelor of Art Education
A four-year program of the Department of Art which maintains a balance between studio and academic studies. Enrolment is limited to 30 students each year and the curriculum is designed primarily to ensure a thorough training for those wishing to enter the teaching profession.

Graduates with a B.A.E. degree may obtain an Ontario Ministry of Education Type A Teaching Certificate after completing a fifth year at a recognized university faculty of education.

The curriculum consists of 20 courses. These include the equivalent of ten courses in studio art involving drawing, painting, sculpture, printmaking, and photography; a minimum of five courses in art history; and five electives.

Requirements for Admission to the Bachelor of Art Education Program
Completion of a full year of academic work at the year 5 or equivalent level as certified by the school. Year 5 art should be included where possible but is not mandatory and assessment for admission rests on interview and portfolio examination as well as on academic record.

Bachelor of Music
A four-year program designed to produce professional musicians with areas of concentration in: Applied music (performance), history and literature of music, instrumental and choral music in education, and theory and composition of music. Students may also study performance throughout the four years in individual lessons and in large chamber ensembles. In addition to courses in music, the program also includes a minimum of five academic courses in subjects outside music.

Requirements for Admission to the Bachelor of Music Program
Completion of a full year of academic work at the year 5 level as certified by the school, which may include year 5 music. In addition, the following Royal Conservatory (Toronto) levels are normal requirements:
(a) Piano—Grade 9 piano; Grade 2 rudiments, or
(b) organ—Grade 8 organ; Grade 8 piano; Grade 2 rudiments, or
(c) standard orchestral or band instrument, classical guitar, voice, free bass accordion—Grade 8 practical; Grade 6 piano; Grade 2 rudiments.

All candidates are normally required to audition and to take an aural discrimination test provided that distance does not prohibit. Applicants without the specified music requirements but who are experienced as instrumentalists or singers may apply to the Department of Music for a qualifying audition. Such applicants not completing Grade 6 keyboard prior to entering the B.Mus. program must do so, at their own expense, before proceeding to second year.

Engineering
A four-year engineering program offered by the Faculty of Applied Science leading to a Bachelor of Science. The first year is common to all engineering programs with the student taking courses in mathematics, physics, chemistry, geology or biology, engineering graphics and computer programming (Fortran). Prior to the commencement of the second year, the student must select one of the following ten programs: Chemical engineering, engineering chemistry, civil engineering, electrical engineering, geological sciences, mathematics and engineering, mechanical engineering, metallurgical engineering, mining engineering, or engineering physics.

Requirements for Admission to the Faculty of Applied Science
Completion of a full year of academic work at the year 5 level including three credits in mathematics (content to be equivalent to functions and relations, calculus and algebra), one credit in chemistry and one credit in physics. Admission is based on a comprehensive evaluation of the student rather than on academic record alone.
Note: A student may be refused admission if standing in any one of mathematics, physics or chemistry is less than 65% or its similar grade. A student whose competence in the use of the English language is considered inadequate may be required to complete a non-credit course in remedial English.

Bachelor of Commerce
A four-year program consisting of courses in accounting, business, business law, business statistics, capital expenditure planning, computing and analytical methods, data processing, economics, finance, financial reporting and analysis, human behaviour in business, industrial relations, international business, investments, labour, marketing, mathematics, multi-national corporate policy and a number of related topics, operations research, taxation. A wide variety of alternatives is available in the third and fourth years. One option is taken each year in the Faculty of Arts and Science.

Requirements for Admission to the School of Business
Completion of a full year of academic work at the year 5 level as certified by the school to include one credit in English and two credits in mathematics (chosen from algebra, calculus, functions and relations). It is recommended that students include calculus as one of the mathematics credits.

Bachelor of Nursing Science
A four-year integrated program of basic sciences, humanities and nursing. Nursing courses in the first two years are concerned with the maintenance of health and prevention of illness. In the third and fourth years, nursing activity and responsibliities related to curative and rehabilitative care of people at home, in hospital, in clinics, and in physicians' offices are included. There are seven weeks of clinical practice at the end of the second and third years. (See health sciences section).

Requirements for Admission to the School of Nursing
Completion of a full year of academic work at the year 5 level as certified by the school, to include one credit in mathematics and one in chemistry. Year 5 biology is strongly recommended.
Application deadline is March 1.

Occupational Therapy
A four-year degree program leading to a Bachelor of Science (Occupational Therapy). The student will take courses in anatomy, biology, occupational therapy, physiology, psychology, sociology, plus a number of options, and in the fourth year will study research and clinical developments, administration of an Occupational Therapy Department, and will conduct an in-depth study of a selected clinical subject. There are eight weeks of supervised clinical practice between the second and third years and 16 weeks between the third and fourth years to complete university requirements and for provincial licensing.

Requirements for Admission to Occupational Therapy
Completion of a full year of academic work at the year 5 level as certified by the school, to include one credit in mathematics and one credit in chemistry. Year 5 biology is strongly recommended.
Application deadline is March 1.

Physical Therapy
A four-year degree program leading to a Bachelor of Science (Physical Therapy). The student will take courses in anatomy, biology, physical therapy, physiology, psychology, sociology, plus a number of options and in the fourth year will study research and clinical developments, administration of a Physical Therapy Department and will conduct an in-depth study of a selected clinical subject. There are 12 weeks of supervised clinical practice between the second and third years and 16 weeks between the third and fourth years to complete university requirements and for provincial licensing.

Requirements for Admission to Physical Therapy
Completion of a full year of academic work at the year 5 level as certified by the school, to include one credit in mathematics, and one credit in chemistry. Year 5 biology is strongly recommended.
Application deadline is March 1.

Medicine
Four years after completion of at least two successful years of university work.

Requirements for Admission to the Faculty of Medicine
Seventy-five students are admitted to medicine annually. Applications to the first medical year must be received by December 1. To be eligible for admission, students must have successfully completed at least two years of university work beyond year 5 and must have included at least:
(a) One year of general physics,
(b) one year of general or inorganic chemistry,
(c) one year of general biology or zoology and
(d) one year of organic chemistry.

Any program is suitable for entry into the first medical year provided it includes the above courses. Students are encouraged to plan their programs according to their own interests.

Bachelor of Laws
Three years after admission to the Faculty of Law on the basis of one of the following requirements: Bachelor's or other equivalent degree at a recognized university; or at least two years of academic work in a recognized university after year 5; or at least three years of academic work in a recognized university after year 4. The above are minimum requirements. Normally only applicants with averages over 70% and Law Aptitude Test scores in excess of 500 are considered for admission.

Bachelor of Education
Programs are offered by the Faculty of Education. Applicants must hold an approved degree in arts, science, commerce or another acceptable degree which has been approved as to admission requirements and content. The program is designed for the professional education of teachers and offers two one-year programs leading to basic teacher certification and the degree of Bachelor of Education. Continuing education for teachers is available and programs leading to a Master of Education degree may be taken on either a part-time or full-time basis.

Master of Divinity
A three-year graduate program. A bachelor's degree is required for admission to the Master of Divinity program. The program includes courses in Hebrew language and literature, Old Testament studies, New Testament studies, systematic theology and philosophy of religion, Christian ethics, church history, public speaking and practical theology.

Bachelor of Theology
A four-year program. Candidates for the degree of Bachelor of Theology must complete one year's work in arts and the three-year curriculum in theology. Admission is restricted to candidates who are at least 30 years of age.

Annual Fees
Tuition fees for full-time students are subject to change but currently are as follows for students admitted to first year:
Arts, science, business, nursing, rehabilitation therapy, physical and health education, law $600
Applied science $725
Medicine $725
There is a student interest fee in addition to the tuition fee. Books and supplies will cost approximately $150.

Residence Fees, Including Meals
Men $1,343-$1,501
Women $1,359-$1,409
Residence fees vary according to the student's program.

Further Inquiries
Inquiries regarding admission should be directed to
Assistant Registrar (Admissions)
Queen's University
Kingston, Ontario K7L 3N6
Telephone (613) 547-5504

Information about student awards and loans may be obtained from
Assistant Registrar (Student Awards)
Queen's University
Kingston, Ontario K7L 3N6
Telephone (613) 547-5504

Inquiries about general information and visits to Queen's should be directed to
Liaison Office
Queen's University
Kingston, Ontario K7L 3N6
Telephone (613) 547-5504

Ryerson Polytechnical Institute

Toronto

President: W. Pitman

The philosophy behind Ryerson's educational process is illustrated through the motto—"Mente et Artificio"—with mind and skill. The Ryerson concept of combining theory and practice in learning equips students with the tools necessary for personal and professional accomplishment on graduation.

For a clear understanding of this concept, the meaning of "Polytechnical" as it applies to Ryerson needs to be established. "Poly" suggests "Much or many more than one." "Technical" has to do with skill in the practical, industrial and mechanical arts and the applied sciences. Very simply then, "Polytechnical" implies a skill in the arts and sciences. The basis of any skill is, of course, knowledge and the art of applying it; hence the combination of both theory and practice in learning.

In 25 years, Ryerson has evolved from its early trade school beginnings to a degree-granting polytechnical institute with a total day and evening enrolment in excess of 18,000.

Ryerson's dramatic transition is representative of the ever-increasing need for technological education at post-secondary levels. This need was significantly recognized with the establishment of Bill 97, on October 1, 1971. Briefly, this proclamation authorizes Ryerson to grant degrees and has provided the Institute with the means of developing an entirely new concept of technological education.

The Ryerson degrees of Bachelor of Technology and Bachelor of Applied Arts combine work experience with the regular program of studies. A number of the programs require at least one year of relevant work experience coincident with the studies leading to a degree. Other degree-granting programs provide for an integrated work experience with the program of study.

In short, the availability of the Ryerson degree program frees many students to make a choice between this new pattern of education and that offered in the traditional university.

Enrolment 1974-75
Full-time 8,083
Part-time 1,330

Programs and Admission Requirements 1975
Unless otherwise noted, specified prerequisite subject averages for programs requiring the Ontario Secondary School Graduation Diploma are advanced five-year 60% or general four-year 70%.

The following program listing outlines basic admission requirements. Interested students are advised to contact the Office of Admissions for more detailed information.

Aerospace Engineering Technology—Diploma, Post Diploma, Degree.
OSSGD including English *(year 4), mathematics (years 3 and 4), physics (year 3) and chemistry (year 4).

Effective September 1976, preference may be given to applicants with advanced level credits in years 3 and 4 required subjects and who have a minimum average of 60% in English, years 3 and 4.
Duration: Three years.

Post-Diploma Program
Ryerson Diploma in Aerospace Engineering Technology (or equivalent).
Duration: One year.
Degree: Bachelor of Technology (Air Transport Engineering). Awarded upon successful completion of diploma and post-diploma programs.

Applied Geography—Degree
OSSGD including English (year 4) and mathematics (year 4).
Duration: Four years.
Degree: Bachelor of Applied Arts (Geography).

Architectural Science—Degree
OSSHGD including English (year 5). Preference given to students who include mathematics and physics in year 5 studies.
Duration: Four years.
Degree: Bachelor of Technology (Architectural Science).

Business Administration—Diploma, Post-Diploma, Degree
OSSGD including English (year 4) and mathematics (year 3 and 4 algebra based mathematics preferred). Minimum of ten credits year 3 and 4 (grade 11 and 12).

Post-Diploma Program
Ryerson Business Administration Diploma with a "B" average (or equivalent).
Duration: One year (available full-time day or part-time evening).
Degree: Bachelor of Technology (Business Management). Awarded upon successful completion of diploma and post-diploma programs plus one year of acceptable work experience.

Chemical Technology—Diploma, Post-Diploma, Degree
Diploma Program
OSSGD including English *(year 4), mathematics (years 3 and 4), physics (year 3), chemistry (year 4). Students must have obtained course credits. No specific percentage required.

Effective September 1976, preference may be given to applicants with advanced level credits in years 3 and 4 required subjects and who have a minimum average of 60% in English, years 3 and 4.
Duration: Three years.

Post-Diploma Program
Ryerson Diploma in Chemical Technology, Metallurgical Technology (or equivalent).
Duration: Equivalent to one year (part-time evening study).
Degree: Bachelor of Technology (Chemical Technology). Awarded upon successful completion of diploma program, one year of industrial work experience and post-diploma program.

Civil Engineering Technology—Diploma, Post-Diploma, Degree
Diploma Program
OSSGD including English *(year 4), mathematics (years 3 and 4), physics (year 3) and chemistry (year 4).

Effective September 1976, preference may be given to applicants with advanced level credits in years 3 and 4 required subjects and who have a minimum average of 60% in English, years 3 and 4.
Duration: Three years.

Post-Diploma Program
Ryerson Diploma in Civil Engineering Technology plus one year of related work experience.
Duration: Equivalent to one year (part-time evening study).
Degree: Bachelor of Technology (Civil Engineering). Awarded upon successful completion of diploma and post-diploma program.

Computer Applications Technology Diploma
OSSGD including English* (year 4); mathematics (year 4) advanced 70%; physics (year 3) and chemistry (year 4) averaged: advanced 60%. Applicants who do not have 70% in year 4 advanced mathematics may substitute year 5 mathematics with a mark of 60%. Students with year 4 general background considered on individual basis.

Effective September 1976, preference may be given to applicants with advanced level credits in years 3 and 4 required subjects and who have a minimum average of 60% in English, years 3 and 4.
Duration: Three years.

Construction Management—Degree
Designed for graduates of the former three-year Ryerson Architectural Technology program (or equivalent).
Duration: One year.
Degree: Bachelor of Technology (Construction Management).

Diploma in Arts
OSSGD including three year 4 subjects from English, economics, history, geography, any language, mathematics, physics, chemistry and biology, plus one other year 4 subject.
Duration: Three years.

Early Childhood Education—Degree
OSSHGD including English (year 5). Minimum 60% preferred.
Duration: Four years (integrated).
Degree: Bachelor of Applied Arts (Early Childhood).

Electrical Technology—Diploma, Post-Diploma, Degree
Diploma Program
OSSGD including English *(year 4), mathematics (years 3 and 4), physics (year 3) and chemistry (year 4).

Effective September 1976 applicants will be required to have ten credits in years 3 and 4 with at least a 60% average in years 3 and 4 advanced English, years 3 and 4 advanced mathematics and years 3 and 4 advanced physics and advanced chemistry. Applicants who do not meet these standards will be considered on an individual basis.
Duration: Three years.

Post-Diploma Program
Ryerson Diploma in Electrical Technology plus one year of related work experience.
Duration: Equivalent to one year (part-time evening study).
Degree: Bachelor of Technology (Electrical). Awarded upon successful completion of diploma program, one year of related work experience and post-diploma program.

Fashion Diploma
OSSGD including English (year 4). Minimum of ten credits in years 3 and 4.
Duration: Three years.

Geodetic Sciences—Diploma, Degree
Diploma Program
OSSGD including English *(year 4), mathematics (years 3 and 4), physics (year 3) and chemistry (year 4).

Effective September 1976, preference may be given to applicants with advanced level credits in years 3 and 4 required subjects and who have a minimum average of 60% in English, years 3 and 4.
Duration: Three years.

Post-Diploma Program
Ryerson Diploma in Geodetic Sciences (or equivalent).
Duration: One year.
Degree: Bachelor of Technology (Geodetic Sciences). Awarded upon successful completion of diploma program, one year of acceptable work experience and post-diploma program.

Graphic Arts Management—Diploma
OSSGD including English (year 4), mathematics (years 3 and 4), chemistry (year 4) and one other science year 3 or higher.

At time of publication, admission requirements for 1976 had not been finalized. Please contact the Office of Admissions for details.
Duration: Three years.

Home Economics—Degree
OSSHGD including English *(year 5) and chemistry (year 4), advanced. Minimum 60% preferred in both subjects.
Duration: Four years.
Degree: Bachelor of Applied Arts (Home Economics).

Hotel, Restaurant and Institutional Administration—Diploma, Post-Diploma, Degree
OSSGD including English (year 4), mathematics (years 3 and 4), one other year 4 subject.
Duration: Three years.

Post-Diploma Program (Hotel and Tourism Management)
Ryerson Hotel Restaurant and Institutional Administration Diploma (or equivalent) plus one year of cumulative acceptable experience.
Duration: One year.
Degree: Bachelor of Applied Arts (Hotel and Tourism Management). Awarded upon successful completion of diploma program, specified work experience and post-diploma program.

*Students must have obtained course credit. No specific percentage required.

Industrial Engineering Technology—Diploma, Post-Diploma Degree
Diploma Program
OSSGD including English *(year 4), mathematics (years 3 and 4), physics (year 3) and chemistry (year 4).

Effective September 1976, preference may be given to applicants with advanced level credits in years 3 and 4 required subjects and who have a minimum average of 60% in English (years 3 and 4).
Duration: Three years.

Post-Diploma Program
Ryerson Diploma in Industrial Engineering Technology (or equivalent); one year of acceptable industrial experience.
Duration: Equivalent to one-year (part-time evening study).
Degree: Bachelor of Technology (Industrial Engineering). Awarded upon successful completion of diploma and post-diploma and one year of related work experience.

Interior Design—Degree
OSSHGD including English, history and mathematics (functions and relations). Minimum 60% in these year 5 studies. Students should select contemporary history, if available. If not available, geography, economics, sociology or art history may be subsituted.
Duration: Four years.
Degree: Bachelor of Applied Arts (Interior Design).

Journalism—Degree
OSSHGD including English (year 5) minimum of one credit, and history (year 5). Where possible, English should have written communication content.
Duration: Three years.
Degree: Bachelor of Applied Arts (Journalism).

Laboratory Science—Diploma, Post-Diploma, Degree
Students must have obtained course credits. No specific percentages. OSSGD including English (year 4), mathematics (years 3 and 4) and two of chemistry, physics, biology (year 3 or higher).

Effective September 1976, preference may be given to applicants with advanced level credits in years 3 and 4 required subjects and who have a minimum average of 60% in English, years 3 and 4.
Duration: Three years.

Post-Diploma Program
Ryerson Diploma in Laboratory Science (or equivalent). Applicants must be employed in their area of specialization or have one year of acceptable work experience.
Duration: Equivalent to one year (part-time evening study).
Degree: Bachelor of Technology (Laboratory Science). Awarded upon successful completion of diploma program, one year of acceptable work experience and post-diploma program.

Landscape Architectural Technology—Diploma
OSSGD including English* (year 4), mathematics (years 3 and 4), physics (year 3) and chemistry (year 4).

Effective September 1976, applicants will be required to have ten credits in years 3 and 4 with at least a 60% average in years 3

and 4 advanced English, years 3 and 4 advanced mathematics and years 3 and 4 advanced physics and advanced chemistry. Preference may be given to those with level 5 (grade 13) credits. Applicants who do not meet these standards will be considered on an individual basis.
Duration: Three years.

Library Arts—Certificate
OSSGD including English (year 4).
Duration: Two years.

Mechanical Engineering Technology—Diploma, Post-Diploma, Degree
Diploma Program
OSSGD including English* (year 4), mathematics (years 3 and 4), physics (year 3) and chemistry (year 4).
Effective September 1976, preference may be given to applicants with advanced level credits in years 3 and 4 required subjects and who have a minimum average of 60% in English, years 3 and 4.
Duration: Three years.

Post-Diploma Program
Ryerson Diploma in Mechanical Engineering Technology (or equivalent) plus one year of related work experience.
Duration: Equivalent to one year (part-time evening study).
Degree: Bachelor of Technology (Mechanical). Awarded upon successful completion of diploma program, one year related work experience and post-diploma program.

Metallurgical Technology—Diploma
OSSGD including English* (year 4), mathematics (years 3 and 4), physics (year 3) and chemistry (year 4). Students must have obtained course credits. No specific percentages required.
Effective September 1976, preference may be given to applicants with advanced level credits in years 3 and 4 required subjects and who have a minimum average of 60% in English, years 3 and 4.
Duration: Three years.

Nursing—Diploma
OSSGD including English (years 3 and 4), advanced 60%, chemistry (year 3 or higher) advanced 60%, biology or physics (year 3 or higher) advanced 60%. Minimum of ten credits in years 3 and 4, of which two credits must be in English, one credit in chemistry and one credit in biology or physics. Preference may be given to biology. It is recommended that the remainder of subjects include those within categories of communications and social and environmental studies. (See health sciences section).
Duration: Two years (six semesters).

Advanced Nursing Programs
Adult intensive care nursing, psychiatric nursing (students must have acquired psychiatric experience during the diploma nursing program), pediatric nursing (certificate programs).
Admission Requirements: Ryerson Nursing Diploma or equivalent. Applicants must be registered or eligible for registration in Ontario.

Photographic Arts—Degrees
OSSGD including English (year 4).
Duration: Four years.
Degrees: Dependent on options either Bachelor of Applied Arts (Photography) or Bachelor of Technology (Photography).

Physics Technology—Diploma
OSSGD including English* (year 4), mathematics (years 3 and 4), physics (year 3) and chemistry (year 4).
Effective September 1976, applicants will be required to have ten credits in years 3 and 4 with at least a 60% average in years 3 and 4 advanced English, years 3 and 4 advanced mathematics and years 3 and 4 advanced physics and advanced chemistry. Applicants who do not meet these standards will be considered on an individual basis.
Duration: Three years.

Public Health Inspection—Certificate
OSSGD including mathematics (year 4), physics (year 3) and chemistry (year 4). Biology (advanced year 3 or 4) may be substituted for either physics or chemistry.
Duration: Two years.

Radio and Television Arts—Degree
OSSHGD including English (year 5) minimum 65% preferred.
Duration: Three years.
Degree: Bachelor of Applied Arts (Radio and Television Arts).

Secretarial Science—Diploma, Degree
OSSGD with a minimum of ten credits in years 3 and 4, including two credits in English (years 3 and 4). Applicants holding an OSSHGD will be admitted into second year.
Duration: Three years from level 5 (grade 13) and four years from level 4 (grade 12).
Degree: Bachelor of Applied Arts (Secretarial Science).

Social Services—Certificate, Degree
Certificate Program
OSSGD including English (year 4) and any other two year 4 subjects. Applicants must be a minimum of 18 years of age as of June 1, 1976. Preference will be given to applicants over 20 years of age and who have two or more years of work experience.
Duration: Two years.

Degree Program
Ryerson Social Service Certificate or equivalent, 12 months working experience in the field of social services as practitioner, supervisor, or administrator.
Duration: Two years.
Degree: Bachelor of Applied Arts (Social Services).

Theatre Department—Diploma
OSSGD. Applicants for the Canadian College of Dance must offer proof of satisfactory ballet training and be a minimum of 16 years of age. All other theatre programs require that candidates be a minimum of 17 years of age.
Duration: Acting—four years; Canadian College of Dance—three years; technical production—three years.

Urban Planning—Degree
OSSHGD. Preference given to candidates who have two credits in year 5 mathematics (including functions and relations) and at least one credit in year 5 geography and English.
Duration: Four years.
Degree: Bachelor of Applied Arts (Urban Planning).

Student Awards
Scholarships are awarded on the basis of academic excellence. The awards are generally granted automatically to the recipients for their performance during the previous academic year. Bursaries are awarded to students who require limited financial assistance. Students must have written one set of exams at Ryerson to be eligible. A minimum of second class standing is normally required and must be maintained.
For information on loan-grant assistance for full-time students under the Ontario Student Assistance Program and aid for part-time students, see the introductory section on financial aid for students.

Residence Accomodation
Bond House
Ryerson maintains a residence, Bond House, near the main campus. This residence accommodates 48 male students.

Neill-Wycik College
Neill-Wycik is a 22-storey co-operative residence which offers extensive facilities. It is owned and operated by its members. Located one block from the main Ryerson Campus, this ambitious project accommodates 800 students in a variety of attractive living arrangements.
Telephone (416) 367-0302

Housing Registry
The Student Services Department operates a year-round housing registry to assist students in finding accommodation throughout the city.

Tuition
Semester programs, per semester $212
Non-semester programs, per year $424

Extension Department
A number of professional certificates and general education programs are offered through Ryerson's Extension Department.
For information contact
Director of Extension
Ryerson Polytechnical Institute
50 Gould Street
Toronto, Ontario M5B 1E8

Further Inquiries
For further information write to
Office of Admissions
Ryerson Polytechnical Institute
50 Gould Street
Toronto, Ontario M5B 1E8
Telephone (416) 595-5027

Inquiries regarding scholarships, bursaries, student awards and housing should be addressed to
Student Services Department
Ryerson Polytechnical Institute
50 Gould Street
Toronto, Ontario M5B 3K8

Royal Military College of Canada

Kingston

Commandant: Brigadier-General W. W. Turner

The Royal Military College of Canada had its beginning in 1874 in the Act of Parliament establishing "an institution for the purpose of imparting a complete education in all branches of military tactics, fortification, engineering, and a general scientific knowledge of the military profession, and for qualifying officers for command and for staff appointments."

The site selected was the old naval dockyard on Point Frederick immediately east of Kingston. The college was opened in June 1876 with the first class of 18 cadets.

The objectives of the Canadian Military Colleges are:

1. To prepare officer cadets for effective service as commissioned officers in the Canadian Forces by:
(a) Providing a university level education in appropriate disciplines designed on a broad base to meet the unique needs of the forces,
(b) developing qualities of leadership,
(c) developing the ability to communicate in both official languages and to understand the principles of biculturalism,
(d) developing a high standard of personal physical fitness, and
(e) stimulating an awareness of the ethic of the military profession; and

2. To improve the educational background of commissioned officers in the Canadian Armed Forces by providing undergraduate and post-graduate courses in appropriate fields.

The courses of instruction provide a sound and balanced liberal, scientific and military education. The cadet organization and the military training are intended to develop a high degree of physical fitness in the officer cadets and to give them a sense of responsibility, self-discipline, fair play, and fellowship.

Enrolment 1974-75
Total 600

Degree Courses
Arts
Engineering
Science

Degree Programs in the French Language
Commencing in September 1975 the Royal Military College of Canada will institute a phased program of offering all degree programs in the French language. In September 1975 some engineering programs will be available in the French language for cadets transferring from Collège militaire royal de Saint-Jean, this program to continue into fourth year in 1976. In September 1976 a first year course program will become available in the French language, to continue into second year in 1977. Degree offerings in French will be continually widened until all degree programs are available in the French language.

Admission Requirements for 1976-77
The colleges are open to male applicants only. Ontario applicants completing year 5 may apply for Royal Military College of Canada or Royal Roads Military College. Those completing year 4 of the five-year program may apply to Collège militaire royal de Saint-Jean.

General Qualifications
An applicant for admission must have the following qualifications:
(a) he must be a Canadian citizen;
(b) if applying as a senior matriculant, he must have reached his 16th birthday but not his 21st on the first day of January preceding entrance;
(c) if applying as a junior matriculant for Collège militaire royal de Saint-Jean, he must have reached his 16th but not his 20th birthday on the first day of January preceding entrance;
(d) he must be single and must undertake to remain single until commissioned;
(e) he must meet the physical standards for the element he wishes to enter;
(f) he must possess the necessary academic qualifications as set out below.

Academic Qualifications for 1975-76

Royal Military College of Canada Course Requirements
Common First Year Program: Courses are available for programs leading to degrees in arts, engineering, or science. The first year program is common to all of these programs and has the following courses: Chemistry, drill, English, français, mathematics, military leadership and management, physical education, and physics. This program is followed by all officer cadets in first year.

In Subsequent Years: The course requirements at the Royal Military College of Canada have a broad scope including, for all courses in arts: English, français, mathematics, military leadership and management, physical education, science; for all courses in science or engineering: Economics, English, français, history, military leadership and management, physical education, two additional arts elective courses.

Because of these course requirements at the military colleges, an important criterion in selection will be the candidate's mathematics-science average in high school. Further, because of the stated need for engineers in the Armed Forces, preference will normally be given to those candidates who have satisfactorily completed all of the requirements for admission to a science or engineering course of study.

It should be noted that all arts courses at the Canadian Military Colleges, both general and honours, are of four years duration beyond the normal secondary school level required for university admission, except for candidates entering Collège militaire royal de Saint-Jean where a five-year course is required. It is possible, however, to transfer after second year engineering into an honours arts course of study without loss of a year.

Academic Qualifications for Admission
To meet the minimum requirements for admission to the Royal Military College of Canada, an applicant must offer standing at a level satisfactory to the college (level 5 in Ontario) in the required papers in the following subjects:
(a) Anglais or English, or français or French (one credit course acceptable for Ontario applicants),
(b) mathematics (calculus and functions and relations), and
(c) two or three of algebra, chemistry, physics.

In Other Provinces
One of: Chemistry, physics, and any other approved subject (or subjects) to make up the full requirements for graduation in the current year of work.

Admission to Royal Roads Military College
Requirements are similar to those for RMC.

Admission to the Preparatory Year at Collège militaire royal de Saint-Jean
Graduates from secondary schools in Ontario should have successfully completed year 3 and 4 of the five-year course, including the following subjects: English (for English speaking applicants) or français (for French speaking applicants), mathematics, physics and chemistry.

Admission Requirements in 1977-78
No change contemplated at time of publication. Inquiries should be directed to the Registrar.

Student Awards
An officer cadet who is a member of the Regular Officer Training Plan has his fees for the entire course paid by the Department of National Defense and is entitled to pay and allowances prescribed by the plan.

Other applicants are eligible to apply for a number of scholarships and bursaries, including the Ontario Student Assistance Program.

Dominion Cadetships
Fifteen Dominion Cadetships worth $580 each are available to first year reserve entry cadets at the Canadian Military Colleges. A candidate must be the son of a person who died or was killed or is severely incapacitated as a result of service in a component of the Armed Forces of Canada.

Applications must be made in writing to
National Defence Headquarters
Ottawa, Ontario K1A 0K2
Attention: Director of
Recruiting and Selection

Royal Military College of Canada Foundation Scholarship
Three scholarships are open to competition among all Reserve Entry applicants for admission to the Canadian Military Colleges. Each scholarship has a value of $1,000 for the first year and a further $400 for each subsequent year up to the time of graduation from RMC. An applicant, to be awarded a scholarship, must be an accepted Reserve Entry candidate for RMC, Royal Roads Military College, or College militaire royal de Saint-Jean.

Further information may be obtained from
Secretary-Treasurer
RMC Club of Canada
Royal Military College of Canada
Kingston, Ontario K7L 2W3

Residence Accommodation
All cadets at the Canadian Military Colleges are in full-time residence at the colleges. At RMC single rooms are normally provided except early in the recruit year when it is usually found beneficial to place two cadets in a room. Collegiate dining is provided with waitress service at the tables. Full recreational facilities, including an indoor swimming pool, are available within close proximity of the residences.

The college is divided into squadrons under the direction of cadet officers in their senior year with an experienced serving officer as Squadron Commander. Overall direction is in the hands of the Director of Cadets.

This combination of collegiate and military life provides an unparalleled opportunity to study in practice the problems of leadership and management that are discussed in the classroom.

Annual Tuition Fees
(For officer cadets with reserve status)
First year $550
Each subsequent year $300
The tuition fees cover: Tuition, clothing, books, instruments, drawing materials, dry cleaning.

In addition there is a fee for meals and accommodation, a recreation club fee of $30 and an annual deposit of $100 against additional expenditures, the balance of which is refundable at the end of the year.

Further Information
Inquire with the Commanding Officer of any Canadian Forces Recruiting Centre, or write to
The Registrar
Royal Military College of Canada
Kingston, Ontario K7L 2W3
Telephone (613) 545-7236

University of Toronto

Toronto

President: John R. Evans

The University of Toronto, established by royal charter in 1827, is the oldest and largest university in Ontario. Recognized internationally for its outstanding academic tradition and achievements, the University of Toronto offers students a unique opportunity for participation in an active community of scholars.

The widest variety of academic programs of any university in the province may be found on the St. George Campus in downtown Toronto, the Erindale Campus (20 miles to the west in Mississauga) and the Scarborough Campus (20 miles to the east in West Hill).

In the Faculty of Arts and Science, the curriculum adopted in 1969 places great emphasis on the students' freedom to create individual programs of study that will satisfy and express their personal interests and abilities. In addition to student facilities provided by the federated universities and colleges, the university has residences for 3,250 students, 710 apartments for married students, a health service and advisory bureau, a career counselling and placement centre, a housing service, athletic and recreation facilities (including a stadium and arena), and exceptionally good facilities for music, theatre, art, debate and reading.

Graduate study is one of the university's greatest strengths. The School of Graduate Studies, with an enrolment of 7,824 in 1974-75, conducts all work leading to graduate degrees in the university. In this and other schools and faculties, the university provides special study and research facilities in such diverse disciplines as nuclear engineering, computer science, Islamic studies, library science, aerospace studies, linguistics, urban and regional planning, and criminology, to mention only a few.

Enrolment
Full-time undergraduate 24,047

Faculties and Schools
Faculty of Applied Science and Engineering
Faculty of Architecture, Urban and Regional Planning and Landscape Architecture
Faculty of Arts and Science
Faculty of Dentistry
Faculty of Education
Faculty of Forestry
Faculty of Law
Faculty of Library Science
Faculty of Management Studies
Faculty of Medicine
Faculty of Music
Faculty of Nursing
Faculty of Pharmacy
Faculty of Social Work
Royal Conservatory of Music
School of Graduate Studies
School of Physical and Health Education

Research Centres and Institutes
Centre of Criminology
Centre for Culture and Technology
Centre for the Study of Drama
Centre for Industrial Relations
Centre for Linguistic Studies
Centre for Medieval Studies
Centre for Russian and East European Studies
Centre for Urban and Community Studies
Centre for Renaissance Studies
Computer Centre
Institute of Environmental Sciences and Engineering
Institute for Aerospace Studies
Institute of Applied Statistics
Institute for Bio-medical Electronics and Engineering
Institute of Child Study
Institute for the History and Philosophy of Science and Technology
Institute of Immunology
International Studies Program
Great Lakes Institute
Pontifical Institute of Medieval Studies
Institute of Medical Science
Institute for the Quantitative Analysis of Social and Economic Policy Systems
Building Centre

Federated Institutions
Emmanuel College
Knox College
University of St. Michael's College
University of Trinity College
Victoria College
Wycliffe College

Libraries
The library holdings total more than 4,000,000 volumes, 1,000,000 microforms, 48,000 current serials, and also include such other items as maps, manuscripts, sheet music and recordings. They are housed in the central university library and some 40 other libraries in faculties, colleges, departments, and in the federated universities and related institutions.

General Admission Requirements for 1975-76
Entrance to the first year of the undergraduate courses is offered, depending upon the number of places available, to candidates from Ontario secondary schools who demonstrate good standing based upon the following evidence:

(a) Completion of secondary school studies, including a full academic program at the year 5 level,
(b) a recommendation by the secondary school last attended regarding probable success in university studies, and
(c) a complete academic report for the last three years of secondary school.

Throughout the secondary school years students should study in as many of the following areas as possible: English, French and other languages, mathematics, sciences, and social studies. Students should also consider carefully what aspects of their projected university work will entail prerequisite studies. Candidates are also advised to include in their year 5 program at least two of: English, French or another language, mathematics, science. Each faculty regards certain year 5 subjects as necessary preparation and these are listed under the entry for each division.

A full description of these admission requirements is contained in the Undergraduate Admission Handbook (see note which follows). Applicants to programs in business administration, education, library science, social work and child study must hold a bachelor's degree.

Limited Enrolment
Since accommodation and certain other facilities are restricted, the university cannot guarantee the acceptance of all qualified applicants.

No minimum mark or percentage is prescribed for admission to the university, but because of the pressure of applications and the nature of the university courses, it is likely that a student will require a school average above 60% in order to be considered for selection.

Application for Admission
Candidates currently in Ontario year 5 should apply through their high school using the general application form. Applications received from such candidates by the date announced on the application form will be given early consideration.

All other candidates should write to the Office of Admissions, giving details of their previous academic work.
Note: University of Toronto Calendars are sent to all Ontario secondary schools, Ontario public libraries and Canadian universities. The Undergraduate Admission Handbook is available upon request from
Office of Admissions
University of Toronto
315 Bloor Street West
Toronto, Ontario M5S 1A3

• **Degree Programs Offered**
Note: The diploma course in Dental Hygiene will be discontinued in September 1976.

Bachelor of Arts, Bachelor of Science, Bachelor of Commerce
Three or four years from senior matriculation (B.Comm. program requires four years). Degrees are offered in arts, science or commerce. In either three or four-year programs, students may specialize or take a variety of subjects.

The arts and science program enables students to determine their own program each year by choosing those courses which interest them and for which they have the required background, if any. A student entering first year will choose five courses from those offered by these departments: Anthropology, astronomy, biology, botany, chemistry, classics, commerce, computer science, East Asian studies, economics, English, fine art, French, geography, geology, German, Greek (ancient), Greek (modern), history, Islamic studies, Italian, Latin, Latin American studies, linguistics mathematics, music, Near Eastern studies, philosophy, physics, political science, Portuguese, psychology, religious studies, Sanskrit and Indian studies, Slavic languages and literature, sociology, Spanish, statistics, zoology.

Candidates should satisfy the general requirements for admission previously outlined and are reminded that certain specific university courses in mathematics, science and languages have year 5 prerequisites.

Bachelor of Applied Science
Four years from senior matriculation, available in chemical, civil, mechanical, industrial, electrical, geological engineering and applied earth science, metallurgy and materials science, engineering science.

Candidates must present relations and functions, calculus, algebra, physics and chemistry. Superior students whose programs do not include all of these subjects will also be considered. Candidates for the course in engineering science should have excellent standing.

Bachelor of Architecture
Five years from senior matriculation. Candidates must present relations and functions, calculus, and English. All applicants are asked to present a portfolio of their work, and applicants within a radius of 500 miles of Toronto may be invited for an interview.

Bachelor of Landscape Architecture
Four years from senior matriculation. Candidates must present year 4 mathematics or year 5 mathematics (relations and functions and calculus) and year 4 or 5 English. It is recommended that prospective applicants to the program pursue studies in the natural and social sciences. Applicants within a radius of 500 miles of Toronto may be invited for an interview.

Bachelor of Science in Forestry
Four years from senior matriculation. In third year, a student may elect the branch of wood science. Candidates must present relations and functions, calculus, and chemistry.

Bachelor of Music
Four years from senior matriculation. In second year music, students choose their major field of concentration from one of the following: Composition, history and literature, music education. Candidates from Ontario secondary schools must present at least five academic credits at the year 5 level, not including year 5 music or RCMT certificates.

Musical Requirements:
(a) *Major performing medium.* All candidates are required to audition. The minimum standard expected is the RCMT Grade 10 (or equivalent) for piano or organ; or Grade 8 in any standard orchestral or band instrument, classical guitar, free bass accordion, historical instruments or voice. The RCMT syllabi should be consulted for guidance in preparing auditions and for the standard expected.
(b) *Theory.* (1) RCMT (or equivalent) certificates: Grade 2 rudiments and Grade 3 harmony, or (2) an admission-placement test of general musicianship.
(c) *Keyboard proficiency.* All students whose applied music medium is not a keyboard instrument will be tested at registration for keyboard proficiency. If they do not meet the departmental standard, they will be required to do so before being admitted to second year. Details of the required standard may be obtained from the Assistant Dean (Administration) of the Faculty of Music.
(d) *Additional requirement:* Interview.

Bachelor of Music in Performance
Four years from a four-year high school course.

Academic Requirements:
The completion of Ontario year 4 with subjects as suggested in the general academic requirements for the university.

Musical Requirements:
(a) *Major performing medium.* An entrance audition in performance is required of all applicants. Only those showing special talent will be admitted to the course. Candidates may audition on any standard orchestral or band instrument, piano, organ, harpsichord, classical guitar or voice. Details of the required standard may be obtained from the Assistant Dean (Administration) of the Faculty of Music.
(b) *Theory.* Same as for Bachelor of Music degree program (see above).
(c) *Keyboard proficiency.* Same as for Bachelor of Music degree program.
(d) *Additional requirement:* Interview.

Artist and Licentiate Diploma Programs (Faculty of Music)
Three years: After a common first year a student in the second and third years will continue in either the Licentiate Diploma program or the Artist Diploma program.
Artist Diploma: A practical course to train performers for professional careers.
Licentiate Diploma: A course which combines practical training with instruction in pedagogy to prepare students for careers as private teachers.

Academic Requirements
The compeltion of Ontario year 4, with subjects as suggested in the general academic requirements for the university.

Musical Requirements
(a) *Major performing medium.* Candidates must pass an audition. Superior performing ability is expected. For the Artist Diploma program, candidates may audition on any standard orchestral or band instrument, piano, harpsichord, classical guitar, or voice. The Licentiate Diploma program is available only in piano.
(b) *Theory.* Same as for Bachelor of Music degree program (see above).
(c) *Keyboard proficiency.* Same as for Bachelor of Music degree program.
(d) *Additional requirement:* Interview.

Bachelor of Science in Nursing
The basic degree course in nursing is four years from senior matriculation. There is also a three-year degree course for graduate nurses with senior matriculation. Candidates must present chemistry. (See health sciences section).

Bachelor of Science in Pharmacy
Four years from senior matriculation. Candidates must present year 5 courses in relations and functions, calculus, chemistry, and physics. In exceptional cases, students without year 5 physics will be considered.

Bachelor of Physical and Health Education
There are no specific year 5 (grade 13) subject requirements necessary for admission. However, students having a background of science subjects may find this to be advantageous in the physical and health education course.

Bachelor of Science in Occupational Therapy,
Bachelor of Science in Physical Therapy
Four years from senior matriculation. Students enter second year of either program following a year of arts and science in an approved university including the following recommended subjects: Two sciences, one of which should be biology; two social sciences, one of which should be psychology; one elective.

Bachelor of Science in Art as Applied to Medicine
Three years. An advanced course which is offered to qualified artists. Candidates must present a complete academic program at the year 5 level, including English.
Address inquiries to
Director
Department of Art as Applied to Medicine
University of Toronto
256 McCaul Street
Toronto, Ontario M5T 1W5

Doctor of Dental Surgery
Four years from the one pre-professional year beyond senior matriculation (five years from senior matriculation).

Candidates for admission to the first year must have successfully completed at least one year of an acceptable university program beyond Ontaro year 5 or equivalent, including physics, chemistry and zoology (or biology if zoology is not offered at the university attended).

Those who wish to carry out their preparatory (first year university) program at the University of Toronto should enrol in the arts and science program, admission requirements for which are given elsewhere in this section.
Inquiries should be addressed to
Secretary
Faculty of Dentistry
124 Edward Street
Toronto, Ontario M5G 1G6

Bachelor of Laws
Three years from at least two years' academic study beyond senior matriculation (at least five years from senior matriculation).
Address inquiries to
Senior Admissions Officer
Faculty of Law
University of Toronto
Toronto, Ontario M5S 1A1

Doctor of Medicine
Four years following completion of
) A minimum of two or three years in a degree program in a Canadian university, after completion of Ontario year 5 or equivalent, and obtaining appropriate credit in the prerequisite subjects, or
) a bachelor's degree from a recognized university, and obtaining credit in the prerequisite subjects.

Students preparing themselves for admission in September 1978, should note the following changes in prerequisite requirements which will be in effect commencing with the academic session 1978-79. All applicants will be required to have obtained credit for prerequisite courses in biology, physics, mathematics and chemistry either in grade 13 or level 5, or in appropriate university level courses. Applicants will be required to have standing in a university course in general chemistry and organic chemistry of one year's duration either
(a) individually, or
(b) in a combined program or its equivalent, or
(c) in approved summer program prior to registration in the first medical year, with appropriate laboratories.

Address inquiries to
Associate Dean
Student Affairs
Faculty of Medicine
University of Toronto
Toronto, Ontario M5S 1A8
Telephone (416) 928-2717

Theology
Courses are offered by Emmanuel College (United Church), Knox College (Presbyterian), St. Michael's College (Roman Catholic), Trinity and Wycliffe Colleges (Anglican). Inquiries should be directed to the head of the college concerned c/o the University of Toronto, Toronto, Ontario M5S 1A3.

Admission Requirements for 1977-78
Any change in entrance requirements will be communicated to the high schools in February 1976. At present, no fundamental change is anticipated.

Student Awards
The University of Toronto publishes a special booklet on admission awards. This booklet describes scholarships and bursaries available to entering students and is distributed to all high schools. Assistance to students is also available under the Ontario Student Assistance Program and from other sources outside the university. Part-time students can apply for provincial loans or bursaries. For further information see the introductory section on financial assistance and consult the university's Student Awards Office.

Undergraduate Residence Accommodation
If on their application for admission, students indicate an interest in residence accommodation, they will automatically be sent a copy of the Residence Handbook and an application for residence accommodation.
Further inquiries about available accommodation should be addressed to one of the following appropriate officials

Director of Residences
University College

Dean of Men or Dean of Women
Victoria College

Registrar
Trinity College

Dean of Men, St. Michael's College or
Dean, St. Joseph's College (Women)
90 Wellesley Street West
Toronto, Ontario M5S 1C5
or Dean, Loretto College (Women)
70 St. Mary Street
Toronto, Ontario M5S 1J3

Dean of Men or Dean of Women
New College

Residence Co-ordinator
Innis College

Administrative Assistant to the Comptroller (Residences)
Scarborough College
1265 Military Trail
West Hill, Ontario M1C 1A4

Director of Student Affairs
Erindale College
3359 Mississauga Road
Mississauga, Ontario L5L 1C6

Secretary to the Dean (Men's Residence)
Devonshire House

Cost of Residence
The total cost of residence accommodation including meals, varies from $950 to $1,200 per session.

Other Accommodation
For assistance in finding lodging, students should contact
University Housing Service
49 St. George Street
Toronto, Ontario M5S 1A1

A variety of residence accommodation is offered by the two independent residences listed below. They have no official connection with the university.
Inquiries should be made directly to
Campus Co-operative Residence Inc.
395 Huron Street
Toronto, Ontario M5S 2G5

Tartu College
310 Bloor Street West
Toronto, Ontario M5S 1W4

Annual Tuition Fees
Arts and science $646
Applied science and engineering $830
Architecture $826
Forestry $666 (Field work expenses amount to an additional $160)
Music $662
Nursing $591
Pharmacy $669
Physical and health education $660
Physical and occupational therapy $652
All fees are approximate and subject to change without notice.

Further Inquiries
Inquiries about admission requirements should be addressed to
Office of Admissions
University of Toronto
315 Bloor Street West
Toronto, Ontario M5S 1A3
Telephone (416) 928-2190

Inquiries about University of Toronto information programs for secondary schools should be addressed to
Alan Hill
Assistant Director of Admissions
(Secondary School Liaison)
Office of Admissions
University of Toronto
315 Bloor Street West
Toronto, Ontario M5S 1A3
Telephone (416) 928-2771

Inquiries and requests for application forms for student awards should be addressed to
Student Awards Office
Simcoe Hall
University of Toronto
Toronto, Ontario M5S 1A1
Telephone (416) 928-2204 OSAP
(416) 928-2183 other awards

Trent University

Peterborough

President: T. E. W. Nind

Rolling hills, cedar, maple, elm, the Otonabee River, striking buildings, a wildlife sanctuary, space to wander alone, places to gather, books, computers, classrooms, pubs, labs, tennis courts, places for reflection, places for activity: all of these characterize Trent University.

Who are the students at Trent? Young adults fresh from high school, students who have spent time travelling or working, teachers, mechanics, housewives, office workers, even grandmothers and grandfathers beginning third or fourth careers. They come from Peterborough, Scarsdale, Cornwall and Moscow; Port Hope, St. Andrew's, Stoney Creek and Sheffield; Toronto and Yellowknife, Creemore and Cavan; Montreal, Edmonton, Sangudo, Eldorado. They bring different experiences and backgrounds, viewpoints and values. They come for as many reasons as there are people. The one thing they share is their experience at Trent.

The colleges of Trent have been an integral part of the university since its beginning in 1964 and each has its distinctive personality and design. The two original colleges, Peter Robinson and Catharine Parr Traill, are in the heart of the city of Peterborough and the three newer colleges are located at the northern edge of Peterborough on the Nassau Campus. The colleges provide residence facilities for 1,100 students. In addition to this role, they serve as the location for teaching offices of the faculty where small groups meet for tutorials and seminars. All members of faculty and all students, resident or non-resident, are members of one of the colleges. Julian Blackburn College, formed in 1975 and serving all part-time students, is also located on the Nassau Campus.

Two thousand students and 187 faculty members participate in more than 400 courses in 20 areas of study. Teaching and learning at Trent involves the exchange of ideas, the examination of accepted values and the consideration of new tentative points of view. Small tutorials are a feature of most programs. With eight or nine students taking part, the tutorials are small enough to facilitate communication, and large enough to provide a healthy range of viewpoint.

Enrolment 1974-75
Full-time 2,000

Library
Rising from the west bank of the Otonabee, the Bata Library is the hub of the university. With 230,000 books, plus magazines and journals, maps, aerial photographs and government documents, Trent's library is a major resource for the university and the community at large. The library provides quiet study areas for 800 students, as well as music listening rooms and language laboratories.

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Special Programs
In addition to established areas of study, Trent has developed several special degree programs. One such program is Canadian studies, which concentrates on 20th century problems peculiar to Canada. Another is native studies, which treats the situation of native peoples in our society, past and present. A third is environmental resources studies, initiated to examine the environmental crisis currently facing us. These reflect interests that the university has had since its beginning over a decade ago.

General Degree Program
Established in 1970, this program is designed for students who do not wish to major in a particular discipline during their years of study at Trent. Interested students should consult the Co-ordinator of the General Degree Program during their first year of study.

Multi-Disciplinary Studies
The following programs were established in 1970 for students who had completed first year programs of study at Trent: social theory, development studies, Canadian studies, and environmental resources studies. There is also an innovative teacher education program run co-operatively with Queen's University. This four-year program gives students both a B.A. (or B.Sc.) and a B.Ed., certifying them to teach in either primary or secondary schools. Other programs are concerned with the problems of newly-developing countries, fine arts, and science as it affects man.

Programs of Study
Trent offers programs leading to the degree of Bachelor of Arts or Bachelor of Science in the general (three years) or honours (four years) program.

Disciplines Offered
General Level: Ancient history, anthropology, biology, chemistry, classical studies, economics, English, environmental resource studies, French, geography, German, Greek, native studies, history, Latin, mathematics, philosophy, physics, politics, psychology, sociology, Spanish.

Honours Level: Anthropology, biology, Canadian studies, chemistry, classical studies, economics, English, French, geography, German, Greek, history, Latin, mathematics, philosophy, physics, politics, psychology, sociology, Spanish.

Year 5 Admission Requirements
In order to be eligible for admission to Trent University, an applicant is required to achieve standing at a level acceptable to the university in a full year 5 program of studies. Because of the diversity of programs offered in secondary schools in Ontario, a full program is defined as that which is deemed by the school principal to be satisfactory for the purpose of granting an Ontario Secondary School Honour Graduation Diploma. No minimum number of years taken to achieve the standing is specified. Applicants who have spent more than five years in secondary school may be required to present a higher level of achievement.

With the exception of some language programs, there are no specified subject requirements for admission to arts programs. Applicants to science programs are advised to consult the year 5 requirements of individual disciplines as shown in the "Courses of Study" section of the Trent University calendar.

Student Awards and Scholarships
The university has a generous program of scholarships and assistance to students entering first or higher years with first class standing. Students of exceptionally high achievement and promise may be awarded a Champlain Scholarship which has an annual value of $1,980 for students living in residence and $1,100 for non-residents. Trent University Residences, valued up to $500, are available to students living in one of the five residential colleges. Financial need and academic achievement in year 5 are the criteria for the award. The university calendar, available upon request, provides further details of Trent University's complete program of scholarships, awards and bursaries. Additional information on financial assistance for students appears in the introductory section of *Horizons*.

Residential Accommodation
The residential college system is at the heart of Trent University. Every student and every member of the academic staff is a member of a college in which they have an opportunity to live and work together in a relatively small academic community within the larger body of the university. Much formal academic work is done in the college, and various social and athletic organizations also exist within them. In the college communities, undergraduates find both formal academic guidance and the fellowship of other students and members of the academic staff.

Enrolment in each college includes representation from all disciplines and all years of study, and includes both resident members and members who live in apartments and lodgings in the city as well as students who live at home in the Peterborough area. Non-resident members of the colleges enjoy full use of the college facilities and take an active part in college life.

Annual Fees
Tuition $660
Residence fees, including meals
Single $1,320
Double $1,245
College affiliation fee for non-residents
$85

Further Inquiries
Inquiries are welcome and should be directed to
Registrar
Trent University
Peterborough, Ontario K9J 7B8

Inquiries about student awards should be directed to
Student Awards Officer
Trent University
Peterborough, Ontario K9J 7B8

Inquiries about university information programs should be directed to
Secondary School Liaison Officer
Trent University
Peterborough, Ontario K9J 7B8

Telephone (705) 748-1215

University of Waterloo

Waterloo

President: B. C. Mathews

The University of Waterloo is a multi-faculty institution offering programs in arts, engineering, environmental studies, integrated studies, mathematics, human kinetics and leisure studies, and science. Its enrolment has grown from 141 undergraduate students in 1957 to more than 14,600 undergraduate and 1,900 graduate students.

The university's 40 main buildings are located on an attractive 1,000-acre campus and include an art gallery, two theatres, a 4,000-seat gymnasium, a six-lane swimming pool, and the use of a stadium with a lighted football field. The university has one of the largest computer centres in North America.

The four church-related colleges associated with the university offer on-campus residence accommodation and administer courses in several disciplines. On-campus residence is also offered to single students in the non-denominational student villages and the Minota Hagey Residence for Graduate Students and to married students in the married student apartments. As well, off-campus housing for both single and married students is available through the University Co-operative Residences or through the Housing Office.

Enrolment 1974-75
Undergraduate 14,607

Academic Division
Faculty of Arts
Faculty of Engineering
Faculty of Environmental Studies
Faculty of Human Kinetics and Leisure Studies
Faculty of Mathematics
Faculty of Science
School of Architecture
School of Optometry
School of Urban and Regional Planning
Integrated Studies Program

Libraries
Arts Library
500,000 volumes and periodicals.
Engineering, Mathematics and Science Library
200,000 volumes and journals.
Environmental Studies Library
35,000 maps, 3,300 books and reports.

University of St. Jerome's College
St. Jerome's College is federated with the University of Waterloo and registers undergraduate students in arts, certain programs in environmental studies, and regular mathematics. St. Jerome's offers a unique perspective in its wide range of courses and its students enjoy all the privileges of the university while participating in a smaller college atmosphere. Thirty-five full-time professors teach a complete range of arts courses. St. Jerome's is known for its academic excellence as well as for its residential spirit. Students earn University of Waterloo degrees because the college holds its degree granting rights in abeyance according to the terms of the federation agreement.

Renison College
Renison College offers both men and women the intimacy of life in a small residential community combined with the resources of the larger university.
Courses are available in two areas:
(a) The social development studies program, featuring interdisciplinary work in psychology, social work and sociology. Community involvement is an integral aspect of this program.
(b) General arts, including courses in English, French, geography, psychology, religious studies, and sociology.

Conrad Grebel College
Conrad Grebel is a Mennonite residential and teaching college which became affiliated with the university in 1961. Courses open to all university students are offered in arts, history, music, religious studies, sociology and peace studies.

St. Paul's College
St. Paul's United College is a small teaching and residential community. It offers a limited number of credit courses in religious studies. Residence life provides a valuable contribution to university experience. Through a program of athletics, community dinners, congregation and interest groups, members of the college and associates participate in a vital and enriching community.

Admission Requirements for 1976
The overall university requirement for all programs is completion of a year 5 (grade 13) program comprising at least six year 5 credits leading toward the Ontario Secondary School Honour Graduation Diploma. A minimum average of 60% is normally required for admission to all programs. The university expects to fill the majority of places available to year 5 applicants using the following criteria:
(a) year 5 interim standing,
(b) year 4 final standing and
(c) principal's recommendation.

Applicants whose interim standing is not sufficient for admission will be considered on the basis of the year 5 final standings and qualified applicants will be admitted until the remaining places are filled.

Recommendations for Admission
Where the university has recommended certain courses to be included in the applicant's year 5 program, it means that it would be beneficial to the applicant in the first year of study at the university to have these courses as background. These are recommendations only and it does not mean that the applicant's admission will be jeopardized if the recommended courses are not taken.

Where specific requirements are stated, it is expected that applicants will include these requirements in their year 5 program.

Applicants who have spent more than the normal length of time in secondary school to complete their university preparation may be required to present a higher average for admission.

Since many of the programs offered at the university have limited enrolment, the possession of the minimum requirements does not in itself guarantee admission to any of the programs.

Regular and Co-operative Systems of Study
In addition to the traditional two-term, September-to-April school year which the university calls the Regular System of Study, some academic programs are offered under a co-operative system of study where the student spends alternating four-month terms on campus for academic study and with business, industry, or government for practical on-the-job training in the field of study. The co-operative program involves about half of the undergraduate population. The necessary arrangements for the work terms are handled by the Department of Co-ordination.

• Degree Programs and Subject Requirements

Bachelor of Arts
The Faculty of Arts operates under the course system whereby student progress is measured by courses successfully completed.

General Program: Students must successfully complete 15 courses as specified by the department. The following general programs are available: Anthropology, classical civilization, drama and theatre arts, economics, English, fine arts (art), fine arts (music), French, geography*, German, Greek, history, human relations and counselling studies, Latin, medieval studies, philosophy, political science, psychology, religious studies, Russian, social development studies (Renison College), sociology, Spanish. There are no double majors or minors in the general program.

Non-Major General Arts Program: An arts student may graduate with a general arts degree (non-major) upon completion of 15 courses. Any normal first year arts program will satisfy the needs of a student contemplating a general arts (non-major) program. Such programs must be arranged through the Office of the Associate Dean (Undergraduate Affairs).

Honours Program: Four years in length. Students must successfully complete 20-24 courses as specified by the department. Honours programs are available in the following areas: Anthropology, Canadian studies, classical studies, drama and theatre art, economics, English, fine arts (art), French, geography*, German, history, Latin, medieval studies, philosophy, political science, psychology, religious studies, Russian, sociology, Spanish.

Students wishing to study a joint honours program should consult with an appropriate faculty member in the respective departments.

In general and honours programs the first year of study is a common one and students in their second year elect the program they wish to study.

*Students may also pursue a geography program through the Faculty of Environmental Studies. Students should consult with their departmental advisor regarding the program requirements that will qualify them for consideration for admission to the corresponding Type A course at an Ontario College or Faculty of Education.

Year 5 Preparation for the Bachelor of Arts Program
While any six year 5 credits qualify a student for admission, English is recommended, as are arts subjects related to the program of study desired at university.

Bachelor of Applied Science
The Bachelor of Applied Science degree is offered through the Faculty of Engineering. Five honours programs in engineering are available: Chemical, civil, electrical, mechanical and systems design. All programs are offered in the co-operative system of study. The Bachelor of Applied Science program is four and two-thirds years in length. In the first year there are three programs, each designed to prepare the first year student for specialized work in advanced years, but allowing maximum flexibility should a student wish to pursue a different course of study than originally contemplated.

General Engineering: The first year program is a general introduction from which a student normally proceeds to a second year in civil, electrical or mechanical engineering.

Chemical Engineering: First year courses are especially directed toward chemical engineering. Mathematics, physics and chemistry form the foundation of the first year program.

Systems Design: Systems design engineering is the study of complex systems for the purpose of analysis, simulation, optimization, and, ultimately, design. The program is intended especially for advanced work in systems design, however a student may proceed to civil, electrical, or mechanical engineering.

Year 5 Credit Preparation for Bachelor of Applied Science Program
In addition to the overall university requirements, students must present a 60% minimum average in relations and functions, calculus, algebra, physics and chemistry.

Applicants who do not have the specific year 5 requirements but who have a high overall standing including at least relations and functions, and calculus will also be considered for admission.

Bachelor of Environmental Studies
The Faculty of Environmental Studies is comprised of two professional schools (School of Architecture and School of Urban and Regional Planning) and two non-professional departments (Man-Environment Studies and Geography).

Students may be granted a Bachelor of Environmental Studies degree in the following programs: Honours geography—four years, major in geography—three years, honours in man-environment studies—four years; honours in urban and regional planning—four years; architecture (pre-professional program)—three years co-operative system.

The professional Bachelor of Architecture degree is granted after two additional years of study following the completion of the Bachelor of Environmental Studies/Architecture pre-professional program. The professional Bachelor of Architecture program is on the rotating work/study co-operative system.

Year 5 Preparation for the Bachelor of Environmental Studies Programs
It is recommended that students present at least one year 5 mathematics course for admission to programs in environmental studies. It is recommended that applicants to the geography program include geography in their year 5 program.

For specialization in architecture, students must have successfully completed the prerequisites for the Ontario Secondary School Honour Graduation Diploma. The specific year 5 requirement is a 60% overall average in relations and functions, calculus, physics and English.

Selected applicants to the architecture and urban and regional planning programs may be required to attend an interview at the university.

Bachelor of Independent Studies
Integrated studies is an unstructured program where curriculum is developed by both the students and faculty members. Students are not required to enrol in regular classes or write regular examinations. They set their own goals and proceed toward them through independent research, course work, seminars and tutorials, special projects and field work, or any combination of these. Resource people assigned within the integrated studies unit are available to provide direction and advice to students. At least two terms prior to expected graduation, students apply to the Academic Board for Integrated Studies to have their degree candidacy accepted. The Bachelor of Independent Studies degree is granted to students who complete the program requirements.

Each applicant to integrated studies is considered on the basis of a personal interview with a committee composed of faculty and students. Those who show the strongest aptitude for independent study and the maturity necessary to be self-directing and to flourish in an unstructured academic environment will be given strongest consideration.

Bachelor of Mathematics
The Faculty of Mathematics offers pass, general and honours programs under the regular eight-month system of study as well as honours and general programs under the co-operative system of study. The Faculty of Mathematics operates under the course credit system whereby a student's progress toward a degree is measured in terms of courses passed.
Pass Degree Program: Three years in length.
General Program: Four years in length.

Beginning in their third year honours students must register in one of the following six programs: Actuarial science, applied mathematics, computer science, combinatorics and optimization, pure mathematics, or statistics. Each of these departments offers a variety of programs.

Honours Program: Four years in length. Students select one of the following programs: Actuarial science, applied mathematics, combinatorics and optimization, computer science, pure mathematics, statistics. A number of joint honours programs are also available, for example, mathematics and economics.

All mathematics students take algebra, calculus and computer science at either the honours or general level, plus three electives in their first year.

Co-operative Program: (Honours or General) Four and two-thirds years in length. The following programs are available: Actuarial science, combinatorics and optimization, computer science, statistics.

In addition to these there are three options open to co-operative students:
(a) teaching option,
(b) chartered accountancy option, and
(c) business administration option. The teaching option commences at the beginning of a student's second year, after completion of the first year of the regular program in mathematics and acceptance as a suitable teaching candidate. Work terms are spent in the secondary schools where students gain a feeling for the mathematics teaching profession. Students who qualify attend Althouse College of Education in London for a short period between their third and fourth years of university and, upon successful completion of the Althouse requirements and the four-year degree requirements, they will be awarded simultaneously an interim Type A teaching certificate and a Bachelor of Mathematics degree.

Students in the chartered accountancy option may choose their non-mathematics elective courses in such a manner that they will be able to write their final chartered accounting examination (through the Institute of Chartered Accountants) one year after graduation. Such students would spend their work terms with chartered accounting firms and, upon graduation, would be able to enter the chartered accountancy profession or any of the other numerous professions available to mathematics graduates.

Students who would like to combine business administration courses with their mathematics program should choose their courses according to the schedule set out in the academic calendar. The business administration courses are given by professors in the Department of Economics at the University of Waterloo and the School of Economics and Business Administration at Wilfrid Laurier University.

Year 5 Preparation for the Bachelor of Mathematics Program
In addition to the overall university requirements students applying for admission to the regular program must submit at least a 60% overall average in the specific requirements: Relations and functions, calculus, and algebra.

For admission to the co-operative program, applicants must submit at least a 66% overall average in the specific requirements: Relations and functions, calculus, and algebra.

Bachelor of Science (Kinesiology)
Bachelor of Arts (Recreation)
The Faculty of Human Kinetics and Leisure Studies offers two different honours programs. Both programs may be studied under either the regular or the co-operative system.

The regular honours program is four years in length and the honours co-operative program is four and two-thirds years in length.

The kinesiology program involves the study of human movement through the biological and psycho-social sciences. Laboratory, lecture and participation experiences provide the student with relevant exposure to real problems. A camping skills school and a ski school are fringe benefits.

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The program includes all of the necessary academic requirements, providing the student maintains a "B" average, for entrance into a college or faculty of education to qualify for the Type A High School Assistant's Certificate.

Kinesiology students will have two areas of concentration (options) open to them: Kinesiological science and applied kinesiology. In addition, the Kinesiology Department offers honours programs in dance and health studies.

The recreation program prepares the student for leadership in recreational activities through emphasis on the social sciences and the principles of administration, design and planning as they apply to the organized use of leisure. Graduates of the recreation program are eligible to receive the Ontario Interim Municipal Recreation Director's Type A Certificate.

The recreation program features four elective areas of concentration: Leisure studies, outdoor recreation and education, recreation administration, and therapeutic recreation.

Year 5 Preparation for the Bachelor of Science (Honours Kinesiology) and the Bachelor of Arts (Honours Recreation) Programs
Applicants electing the kinesiology program and/or dance and health studies are advised to select a year 5 program with one or more of the following courses: Biology, calculus, chemistry, physics. Applicants electing the recreation program are advised to select both geography and biology among their year 5 courses.

Bachelor of Science
The Faculty of Science operates under the course credit system where student progress is measured in terms of courses completed.

The three-year general science program requires a total of 15 courses. It is not necessary that a student designate a major subject. The four-year general science program requires a total of 20 courses and students must designate a major subject from one of the following areas: Biology, chemistry, earth sciences, general science and business or physics. In the honours science programs, a minimum of 22 courses is required with specialization in the same areas as those offered in the general science program. In addition, there are joint honours programs in biology and chemistry and earth sciences and geography, as well as a non-major honours science program.

Co-operative Honours Programs: Three programs are offered under the co-operative system of study: Applied chemistry and applied physics, which begin in first year and earth sciences, which begins in the second year following a regular first year science program. These programs provide the student with sound academic training in conjunction with practical experience such as that gained in industry and governmental agencies.

School of Optometry Program: This is the only English-language optometry program in Canada and students enter it after completing first year of the regular science program. They then take four years of professional studies. Because of limited enrolment, applications to the first professional year are considered on an individual basis. Graduating students receive a Doctor of Optometry degree (O.D.). The program is accredited by the Council on Education of the American Optometric Association.

Year 5 Preparation for the Bachelor of Science and Optometry Degree Programs
In addition to the general university requirements, students must present a 60% overall average in the following specific subjects: Relations and functions, calculus, and two science courses, one of which must be physics or chemistry. Applicants are advised to include both chemistry and physics in their year 5 program.

Applicants to the co-operative applied physics program must present a 70% overall average in mathematics and physics.

Tuition and Incidental Fees for Full-Time Students
Arts (per eight-month session) $677.80
Engineering (per co-operative four-month term) $418.20
Environmental studies (per eight-month session) $675.80
(per co-operative four-month term—architecture) $416.45
Human kinetics and leisure studies (per eight-month session) $675.30
(per co-operative four-month term) $398.70
Mathematics (per eight-month session) $676.30
(per co-operative four-month term) $399.20
Science (per eight-month session—optometry included) $675.30
(per co-operative four-month term) $398.70
Integrated studies (per eight-month session) $671.30

Residence Fees (Single, double)
Student Village I and II $1,520, $1,420
Conrad Grebel College $1,390
Renison College $1,520, $1,420
St. Jerome's $1,480, $1,380
Notre Dame College $1,480, $1,380
St. Paul's College (semi-private) $1,450
The above fees are for an eight-month academic session. Co-operative students are assessed per term at 50% of the above rates. All rates include meals.

Further Inquiries
Inquiries concerning admission requirements should be directed to
Mr. B. A. Lumsden
Associate Registrar (Admissions and Records)
University of Waterloo
Waterloo, Ontario N2L 3G1

Information concerning student awards may be obtained from
Mr. D. L. Kasta
Student Awards Officer
University of Waterloo
Waterloo, Ontario N2L 3G1

Secondary School Liaison Officer
Mr. S. J. Littie
University of Waterloo
Waterloo, Ontario N2L 3G1

Telephone (519) 885-1211

The University of Western Ontario

London

President: D. C. Williams

The University of Western Ontario, commonly called Western, is a unique blend of old and new. Modern, functional structures designed to accommodate the large numbers of students attending Western are interspersed with the original limestone buildings.

This blend has been carried over to the academic programs at Western. Areas of specialization such as anthropoligical linguistics, environmental engineering and public administration are included among the more traditional disciplines taught within the various faculties and schools.

With the completion of the J. Gordon Thompson Recreation and Athletic Building, Western now has an artificial ice hockey rink, four sheets of curling ice, an indoor track, two indoor tennis courts and a practice rowing chamber. This gives Western some of the finest facilities in Ontario.

Western offers students a variety of experiences and ample opportunity to discover those that are most appealing and interesting.

Enrolment 1974-75
Full-time 15,600

Faculties and Schools
Faculty of Arts
Faculty of Dentistry
Faculty of Education
Faculty of Engineering Science
Faculty of Graduate Studies
Faculty of Law
Faculty of Medicine
Faculty of Music
Faculty of Nursing
Faculty of Physical Education
Faculty of Science
Faculty of Social Science
School of Business Administration
School of Library and Information Science

Colleges affiliated with Western are: Brescia (Roman Catholic), Huron (Anglican), and King's (Roman Catholic).

Libraries
The university libraries contain more than 2,000,000 items and receive annually more than 11,000 periodicals.

General Requirements for Admission
The general requirement for admission to The University of Western Ontario is acceptable standing in at least six year 5 credits appropriate to the student's choice of university studies.

• Degree Programs and Subject Requirements

Bachelor of Arts
General Program: Three years from senior matriculation in liberal arts and science, home economics, music, physical education, secretarial and administrative studies, visual arts.

Honours Program: Four years from senior matriculation in anthropology, business administration, classics, economics, English, French, geography, German, history, mathematics, modern languages, music, philosophy, physical education, political science, psychology, sociology, Spanish, visual arts, or combinations of certain of these.

Year 5 Requirements for Admission to the First Year of the Faculty of Arts
Appropriate standing in six year 5 credits. Students are required to include English to the year 4 level.

Year 5 Requirements for Admission to the First Year of the Faculty of Social Science
Appropriate standing in six year 5 credits. English is strongly recommended and a second language would be valuable. Students interested in economics, geography, psychology and sociology are strongly urged to complete at least two credits in mathematics including one credit in calculus, and to explore computer science where this subject is available. Beginning in 1975 all students entering the honours psychology program must have a credit in a first year mathematics course.

School of Business Administration
Students seeking admission to the program in honours business administration may apply after the successful completion of the first two years in any faculty. However, students must have included three required courses: An introductory college mathematics; an introductory economics; and Business 257, a second year accounting course.

Year 5 Requirements for Program in Home Economics
The program in home economics requires appropriate standing in six year 5 credits, including chemistry and biology.

Year 5 Requirements for Program in Secretarial and Administrative Studies
The program in secretarial and administrative studies requires appropriate standing in six year 5 credits, including an introductory course in typewriting.

Doctor of Dental Surgery
Students in the following categories are eligible to apply for admission to the first year of the four-year program in the Faculty of Dentistry: Those who are in or who have successfully completed a second year program at Western, or an equivalent second year at another university, provided that the program has included a minimum of four honours courses or equivalent within the first ten courses completed. All applicants must have successfully completed one full laboratory course in each of biology, chemistry, physics and organic chemistry. Priority consideration shall be given, all other things being equal, firstly to Canadian citizens who are resident in Ontario; secondly to Canadian citizens resident elsewhere and to all landed immigrants irrespective of the province in which they reside; and thirdly, to all others. (One position may be available for students supported by the Canadian International Development Agency or a similar agency.)

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Bachelor of Engineering Science
Four years beyond senior matriculation. Specialization is possible in the five terms in chemistry, civil, electrical or mechanical engineering and materials science.

Year 5 Requirements for Admission to Bachelor of Engineering Science Program
Calculus and one other credit in mathematics, together with standing in at least one other science subject (algebra, physics and chemistry are strongly recommended).

Bachelor of Laws
Three years following the successful completion of at least two full years beyond Ontario year 5 in a recognized university.

Faculty of Medicine
Requirements for Admission to the Doctor of Medicine Program
Admission to the first year of the four-year program in the Faculty of Medicine is based on successful completion of a second year program at an Ontario university, provided that the program has included a minimum of four honours courses or equivalent within the first ten courses attempted. All applicants must have successfully completed one full laboratory course in each of biology, chemistry, physics and organic chemistry and are advised that it is to their advantage to have successfully completed one course in behavioural science. (The Admissions Committee will consider applications from candidates who were Ontario Scholars and who achieve exceptional standing in first year programs in the Faculty of Science at The University of Western Ontario.)

Priority is given, all other things being equal, to Canadian citizens or landed immigrants who are residents of southwestern Ontario and those areas of Ontario not serviced by an Ontario medical school. Applications will not be accepted from applicants who are not Canadian citizens or landed immigrants. (Two positions may be available for students supported by the Canadian International Development Agency.)

Programs in Communicative Disorders, Occupational Therapy and Physical Therapy
Western offers programs in occupational therapy, communicative disorders and physical therapy. Each program is of four years duration, the first year of communicative disorders and physical therapy being a preparatory year in the Faculty of Science or Faculty of Social Sciences.

Occupational therapy accepts applicants from year 5. Enrolment in each program is severely limited. The degree granted is the Bachelor of Science, B.Sc., with the designation O.T., C.D., or P.T.

Faculty of Music
Year 5 Requirements for Admission to the Bachelor of Music or to the General Program with Music Options
The Faculty of Music offers the Honours Bachelor of Arts with music options (four years) and the Bachelor of Music (four years), the General Bachelor of Arts with music options (three years), and the Bachelor of Musical Arts (three years). For each program the first year is common and the admission requirements are identical.

Bachelor of Science in Nursing
Four years from senior matriculation. Specialization is offered in nursing and service administration, nursing education or public nursing.

Year 5 Requirements for Admission to Bachelor of Science in Nursing
Appropriate standing in six year 5 credits including chemistry and biology. Year 4 mathematics is also required. (See health sciences section.)

Bachelor of Science
Honours Program: Four years from senior matriculation. Available in anatomy, applied mathematics, astronomy, bacteriology and immunology, biochemistry, biophysics, chemistry, computer science, genetics, geology, geophysics, mathematics, pharmacology, physics, physiology, plant sciences and zoology.

General Program: Three years from senior matriculation with majors available in applied mathematics, biology, chemistry, chemistry and biology, chemistry and geology, computer science, geology, geophysics, mathematics and physics.

Year 5 Requirements for First Year of Natural Sciences Program
No required subjects for initial admission. Note carefully, however, that every B.Sc. program in the Faculty of Science must include a first year course in mathematics for which the prerequisite are two credits in year 5 mathematics, including one in calculus. In most instances this course must be completed prior to progression to second year.

Bachelor of Social Work
Four years from senior matriculation. Admission is open to any student with qualifications for admission to a degree program at Western. Students must be registered at King's College for the final three years of the program and are advised to complete their first year studies at King's College. Enrolment in the program is limited.

Limited Enrolment
Restrictions on enrolment are apparent within the following programs: Communicative disorders, dentistry, home economics, journalism, law, medicine, music, nursing, occupational therapy, physical and health education, physical therapy, secretarial science, social welfare and visual arts.

Brescia College
Brescia College is a residential women's college under Catholic auspices affiliated with The University of Western Ontario. It has given over half a century of service to the communities of London, of Canada, and of the world. Students, faculty and board members are representative of all faiths and creeds.

Brescia has a beautiful campus with space for quiet reflection and a comfortable residence. Brescia students share in all university activities: Academic, social, athletic and cultural. Certain courses are taken at the university or at the other affiliated colleges. Some classes in the college are coeducational. As a predominantly women's college it offers to its students unique opportunities in leadership and self-government.

Brescia College strives for better education through personal contacts, professional excellence, academic counselling, small classes and seminars.

For information please contact
Mrs. M. E. Arnold
Registrar
Brescia College
1285 Western Road
London, Ontario N6G 1H2
Telephone (519) 432-8353

Huron College
Established in 1863, Huron College is the founding college of The University of Western Ontario. It is an undergraduate, co-educational residential liberal arts college affiliated with The University of Western Ontario, and situated immediately adjacent to the main university campus.

With slightly more than 500 students, half of whom live in residence, the college's relatively small size fosters a sense of community, ensures that classes are generally small and makes possible close working relationships between students and faculty. The college's academic affiliation with Western means that its students obtain a University of Western Ontario degree through Huron College and that all the academic and social resources of the university are fully open to them. Thus they not only take courses taught within the college but can also select courses within their program from those taught at the university itself. They can participate in extra-curricular activities within both the college and the university.

For further information please contact
Miss J. Catharine Ridley
Registrar
Huron College
1349 Western Road
London, Ontario N6G 1H3
Telephone (519) 438-7224

King's College
King's College is a co-educational university college offering courses in arts, social sciences and social work. Through its affiliation with The University of Western Ontario, King's is an integral part of the university community and students' programs often combine courses given on the main campus with those taken at the college.

Last year King's College had a student enrolment of 760.

Person-centered education is the goal at King's. Seminar and dialogue-oriented classes; close relationships between students and professors; quality programs; the easily-formed friendships of the King's community; student representation on all administrative bodies of the college.

Facilities available on the King's campus include residence, lounges, recreation rooms, chapel, library, classrooms, meals and cafeteria service.

At King's townhouse residences are available. These smaller home-like units are a marked contrast to the usual residential complexes.

For information please contact
Mr. John H. Campbell
Registrar
King's College
266 Epworth Avenue
London, Ontario N6A 2M3
Telephone (519) 433-3491

Residence Accommodation
The residences of the university and its affiliated colleges provide accommodation for about 20% of the students registered at the university for the regular academic session. Information regarding these residences will be forwarded to all freshmen at the time of their application and may also be requested from
The Manager
Residence Admissions and Off-Campus Housing
Room 65, Stevenson-Lawson Building
The University of Western Ontario
London, Ontario N6A 5B8

Westminster College is a United Church sponsored residential college for 200 students. For information please write to
Mr. Neil A. Campbell
Dean of Residence
Westminster College
1476 Richmond Street
London, Ontario N6G 2M2

Annual Tuition Fees
Arts, engineering, science and social science programs $662
Dentistry (professional years) $847
Education $663.50
Engineering (second, third and fourth years) $722
Law $672
Medicine (professional years) $847
Music $672
Nursing $637
Occupational therapy $682
Physical therapy, and communicative disorders $63[illegible]
Social work $662
(These fees include student activity fees totalling $73.50)

Student Awards
The university publishes a list of admission awards, scholarships and bursaries in the composite calendar. Most of these are in addition to scholarships and bursaries offered by the provincial government and other sources outside the university.

Please contact your guidance office or write directly to Western for details.

For information and application forms for student awards and loans, write to
The Director of Financial Aid
Room 32, University Community Centre
The University of Western Ontario
London, Ontario N6A 3K7

Further Inquiries
For additional information concerning any aspect of admissions, programs, the provision of special lecturers by the Discipline Resource Centre, the pre-admission academic counselling program, or to visit Western, please contact
Mr. Wm. A. Baril
Associate Registrar: Communications
Room 190, Stevenson-Lawson Building
The University of Western Ontario
London, Ontario N6A 5B8
Telephone (519) 679-2326
or
Mr. James W. T. Wilgar
Associate Registrar: Admissions
Room 165, Stevenson-Lawson Building
The University of Western Ontario
London, Ontario N6A 5B8
Telephone (519) 679-2390

Wilfrid Laurier University

Waterloo

President: Frank C. Peters

Wilfrid Laurier University, founded in 1911, is the smaller of the two universities in Waterloo. On its compact campus it attempts to build a sound professor- tudent dialogue through limitation of its growth to a total enrolment of about 1,700 in the various arts programs, 200 in science and 600 in the School of Business and Economics. The university seems to attract faculty whose prime interest is teaching, and senior faculty members instruct first year courses. Student-faculty research is stressed by having students and their professors take part in many ventures of learning, including seminars in the Near East, science studies in the Maritimes and other pertinent field trips. Exchange programs with Laval University in Quebec City, and the University of Kiel in Germany, provide language students with a first hand experience in different cultures. The university's first British Seminar was conducted in the summer of 1972. An Honours Bachelor of Music degree is also offered in addition to the regular Bachelor of Arts with a music major.

The university sponsors a limited number of Master of Arts programs—in psychology, political science, Romance languages, geography, history and religion and culture. The Graduate School of Social Work prepares students for this rewarding profession through a two-year program that alternates classroom instruction with practical work in social agencies under supervision of WLU faculty members.

The Cultural Affairs Committee arranges a variety of distinguished lectures, chamber groups and programs by world famous ballet troupes and musicians.

The campus is modern with most of its 18 buildings erected within the past 10 years. A new two million dollar athletic complex housing an Olympic-length swimming pool is the most recent addition to the modern campus. Other recent additions are a five-storey library and student union building. The central teaching building incorporates the latest teaching aids in its modern lecture rooms and laboratories. Campus residences are comfortable and grouped near the modern dining hall building and close to the Student Centre. Residence is guaranteed for all freshmen who wish it. Underground and above ground walkways connect many buildings for winter comfort.

Enrolment 1974-75
Full-time 2,500

Faculties and Schools
Faculty of Arts and Science
Faculty of Social Work
School of Business and Economics
Council of Graduate Studies in Arts
Waterloo Lutheran Seminary

Library
The library houses 300,000 volumes, over 5,500 journal titles, and the Lutheran archives.

General Requirements for Admission
Application for consideration of admission to the first year at the university will be based on the following criteria.
Year 5 subjects sufficient to qualify the applicant for an Ontario Secondary School Honour Graduation Diploma plus the specific program requirements outlined below; an academic standing based on the applicant's record of the last two years (students applying for an honours program must have a minimum average of 60%); a recommendation from the secondary school principal.

Year 4 Scholarship Program
Students with 75% or better in Ontario year 4 may apply for the Year 4 Scholarship Program. Successful candidates will be offered:
(a) Summer session scholarships with free tuition to take any two first year university courses for six weeks,
(b) admission to the first year Bachelor of Arts program in September, if a grade point average of 7.00 (B minus) is obtained, and
(c) eligibility for three four-year university scholarships if a grade point average of 9.00 (B plus) is obtained in the summer session courses.

• Degree Programs and Subject Requirements

Bachelor of Arts
General Program: Three years (15 courses). Courses available in anthropology, business administration, chemistry, classics (Greek and Latin), English, French, geography, geology, German, Hebrew, history, mathematics, music, philosophy, physical education, physics, political science, psychology, religion and culture, Russian, sociology, Spanish. Interdepartmental majors are available in archaeology, Canadian studies, comparative literature, fine arts, urban studies.

Honours Program: Four years. Available in archaeology, biology, classics, economics, English, French, geography, German, history, music, philosophy, political science, psychology, religion and culture (Asian studies, Near Eastern studies, pretheology), sociology. Many combinations of the foregoing are available.

Bachelor of Arts with Honours in Business Administration: Four years, with specialization in business administration and economics.

Year 5 Subject Requirements for Bachelor of Arts Program
Applicants must have successfully completed three subjects comprising at least six credits, leading to an Ontario Secondary School Honour Graduation Diploma.

Mathematics A or equivalent is recommended for majors in psychology or economics and honours business administration.

Bachelor of Science
General Course: Three years. Areas of emphasis are biology, chemistry, mathematics, physics or physical geography.

Honours Program: Four years as above; 66% required in year 5 mathematics and sciences.

Year 5 Subject Requirements for Bachelor of Science Program
Mathematics A or equivalent (two credits); two of biology, chemistry, physics; three other subjects.

Bachelor of Music
Honours Program: Four years.

Year 5 Subject Requirements for Honours Bachelor of Music Program
Grade 2 theory examination or its equivalent required. English is recommended. Piano and organ students are required to have Grade 8 piano or its equivalent. Voice students are required to have Grade 6 piano or its equivalent. Orchestral instrument students require Grade 10 practical. All prospective students must have an audition-interview with the department.

Tuition Fees
Full-time students: Arts and science $620
Business administration: 2nd, 3rd and 4th years $645
Residence fees (including meals—five days)
Double rooms: $1,380
Single rooms: $45 extra

Further Inquiries
Inquiries about admission requirements should be directed to
Mr. Keith Rae
Assistant Registrar (Admissions)
Wilfrid Laurier University
75 University Avenue
Waterloo, Ontario N2L 3C5

Mr. J. Garth Newton
Admissions Officer
Wilfrid Laurier University
75 University Avenue
Waterloo, Ontario N2L 3C5

Mr. Arthur Stephan
Assistant Admissions Officer
Wilfrid Laurier University
75 University Avenue
Waterloo, Ontario N2L 3C5
Telephone (519) 884-1970

University of Windsor

Windsor

President: J. F. Leddy

The Ambassador Bridge connecting Windsor with Detroit, has often been chosen by the university to symbolize the particular character of the university campus. As a bridge to learning and opportunity, the University of Windsor has been developing with the vigour of youth since its outgrowth from Assumption University which gives it, at the same time, traditions dating back more than a century.

The university includes the federated Assumption University and three affiliated colleges: Holy Redeemer, Canterbury and Iona.

Enrolment 1974-75
Full-time 6,000

Faculties and Schools
Faculty of Arts
Faculty of Business Administration
Faculty of Education
Faculty of Engineering
Faculty of Graduate Studies
Faculty of Human Kinetics
Faculty of Law
Faculty of Science and Mathematics
Faculty of Social Science
School of Computer Science
School of Dramatic Art
School of Nursing
School of Social Work

Library
The library contains 700,000 volumes.

General Requirements for Admission
A full year 5 program as approved by the secondary school. The subjects required vary according to the university program which the student wishes to enter.

Early admission will be granted to applicants for the fall of 1976 on the basis of:
(a) the total secondary school performance,
(b) year 5 term and interim marks, and
(c) principal's recommendation.

Students with 66% or better in a program oriented toward university studies in Ontario year 4 or equivalent may apply for the preliminary year at the University of Windsor in lieu of year 5. Students who have already attempted year 5 are not eligible for preliminary year.

• Degree Programs and Subject Requirements

Bachelor of Arts
General Course: Three years, with majors available in anthropology, art history, Asian studies, classical civilization, communication studies, comparative literature, drama, economics, English, fine arts, French, geography, German, Greek, history, home economics, Italian, Latin, linguistics, mathematics, music philosophy, political science, psychology, religious studies, Russian, sociology, Spanish.

Honours Course: Four years, with majors available in anthropology, art history, Asian studies, classical studies, communication studies, comparative literature, drama, economics, English, French, geography, German, Greek, history, home economics, international relations, Italian, Latin, Latin-American studies, linguistics, mathematics, philosophy, political science, psychology, religious studies, Russian, sociology, Spanish, and combinations of these.

Year 5 Requirements for Admission to Bachelor of Arts Program
A full year 5 program as indicated above. For programs involving languages, the year 5 level of the appropriate language is normally required or recommended; mathematics 1 is required and mathematics 2 and 3 are recommended for a general mathematics major, honours mathematics, or honours philosophy and mathematics; mathematics 1 is required for honours economics and mathematics; mathematics 1 and physics are required for honours psychology and science.

Bachelor of Science
General Course: Three years with majors in biology, chemistry, geology, mathematics, physics, pre-medicine, pre-dentistry, pre-optometry, and pre-medical technology.

Honours Course: Four years; available in biology, chemistry, geology, mathematics, physics, and combinations of these.

Year 5 Subject Requirements for Admission to Bachelor of Science Programs
A full program at the year 5 level with an overall average of 60%.
For Majors in Chemistry: Mathematics 1 and 2; two or more of biology, chemistry, physics, geology, or an additional mathematics; 60% in mathematics and science is required.
For Majors in Geology: At least two of biology, chemistry, geology, mathematics 1, 2, 3, physics; an average of 60% in mathematics and science is required.
For Majors in Mathematics: Mathematics 1 with all three mathematics recommended.
For Majors in Physics: One credit in mathematics and additional credits in mathematics and physics recommended.
For Majors in Biology: Pre-medicine, predentistry, pre-medical technology and pre-optometry: A mathematics and at least two of biology, chemistry, geology, physics, one other mathematics; an average of 60% in mathematics and science is required.

Bachelor of Fine Arts
Four years with specialization in either fine arts or drama.

Year 5 Requirements for Admission to Bachelor of Fine Arts Program
A full program at the year 5 level. For specialization in drama, successful completion of an audition is also required; auditions are normally held on certain dates during the spring.

Bachelor of Music
Four years, with specialization in either history and theory, school music or applied music.

Year 5 Subject Requirements for Admission to the Bachelor of Music Program
A full program at the year 5 level and audition by the Music Department to consist of performance and written test on music theory.

Bachelor of Musical Arts
Three years, with wide option in music course selection under supervision of academic counsellors. Emphasis is on freedom of choice and on designing a program to suit the individual student's interest and background.

Year 5 Subject Requirements for Admission to Bachelor of Musical Arts Program
A full program at the year 5 level.

Bachelor of Science in Nursing
Four years from year 5; three years for candidates with professional nursing qualifications. A one-year diploma program in public health nursing is offered for professional nurses.

Year 5 Subject Requirements for the Bachelor of Science in Nursing Program
A full program at the year 5 level including English, biology and chemistry (physics is recommended), with an overall average of 60%. (See health sciences section.)

Bachelor of Social Work
Four years from year 5.

Year 5 Requirements for Admission to the Bachelor of Social Work Program
A full program at the year 5 level.

Bachelor of Computer Science
General Program: Three years.
Honours Program: Four years.

Year 5 Subject Requirements for the Bachelor of Computer Science Program
A full program at the year 5 level is recommended, including 60% in mathematics 1, 2, and 3.

Bachelor of Human Kinetics
Four years. Specialization in kinesiology, applied kinesiology, health studies, physical education.

Year 5 Subject Requirements for the Bachelor of Human Kinetics
A full program at the year 5 level with an overall average of 60%; an English and science course in year 5 are suggested.

Bachelor of Applied Science
Four years, including one common year followed by three years of specialization in one of: Chemical, civil, electrical, geological, industrial or mechanical engineering, or engineering materials.

Year 5 Subject Requirements for the Bachelor of Applied Science Program
A full year 5 program; functions and relations, algebra, physics and chemistry are strongly recommended.

Bachelor of Commerce
Four years, with emphasis on business and economic affairs and some specialization.

Year 5 Subject Requirements for the Bachelor of Commerce Program
A full year 5 level program; mathematics 2 and 3 are strongly recommended.

Bachelor of Laws
Three years following a Bachelor of Arts degree or the equivalent, or following at least two years of university (a minimum of five years from year 5). Applications should be made to the Faculty of Law, University of Windsor. Year 5 subject requirements for a student considering law are the same as for a Bachelor of Arts program.

Bachelor of Education
Three programs to prepare for certification to teach in Ontario schools from grade 1 to year 5.
(a) Consecutive program, one year in length.
Admission Requirement: An approved degree from an accredited university;
(b) Two concurrent programs:
1) four years, leading to general Bachelor's degree of student's faculty, and Bachelor of Education degree,
2) five years, leading to honours Bachelor's degree of student's faculty, and Bachelor of Education degree.
Admission Requirements: A full year 5 program.

Annual Tuition Fees
Full-time students:
Preliminary year $680
Arts, science $645
Music, fine arts, nursing, communication arts $650
Dramatic art (plus an audition fee of $10) $650
Commerce, social work $645
Computer science $645
Human kinetics $655
Law $660
Engineering $715
Education $637.50
Residence fees will vary with the plan selected.
The University of Windsor and its affiliates own and/or operate a total of seven residences for men and women, plus a central food complex to service these residences.

Further Information
Inquiries about admission requirements should be directed to
Mrs. Rosary Carney
Assistant Registrar (Admissions)
University of Windsor
Windsor, Ontario N9B 3A9

Inquiries about student awards and loans should be directed to
Mrs. Marie Renaud
Office of Student Awards
University of Windsor
Windsor, Ontario N9B 3A9

Information on other aspects of the university and on university information programs for secondary schools may be directed to
Mr. Joe Saso
Secondary School Liaison Officer
Windsor Hall
University of Windsor
Windsor, Ontario N9B 3A9

Telephone (519) 253-4232

York University

Toronto

President: H. Ian Macdonald

From a first year class of 76 in 1960, York has developed into one of the largest universities in Ontario, with a current student population (full-time and part-time, undergraduate and graduate) of about 28,000. An innovative and distinct alternative to tradition, York has pioneered and continues to emphasize the college system, interdisciplinary studies and general education before specialization.

York University has two campuses in Metropolitan Toronto. Glendon College, a small liberal arts college emphasizing Canadian studies in a bilingual and bicultural atmosphere, occupies an 84-acre campus at Bayview and Lawrence Avenues. Some 13 miles away is the 600-acre main campus, the York Campus, where a large, multifaculty university is being developed. Here, some 28 academic and allied buildings have been completed to date, including seven colleges and their associated residences, buildings for the physical, biological and behavioural sciences, administrative studies, a theatre-auditorium, a dance and visual art building, physical education centre, libraries, lecture hall buildings and graduate residences. Osgoode Hall Law School, now the Faculty of Law of the university, moved into its new building on the York Campus in 1969.

Special study and research facilities are available in experimental space science, behavioural research, environmental quality, and transportation studies. A distinctive academic program for part-time degree students is offered by the Joseph E. Atkinson College. Non-degree courses are offered through the Centre for Continuing Education.

Enrolment 1974-75
Full-time undergraduate 10,675

Faculties and Schools
Faculty of Arts
Faculty of Administrative Studies
Faculty of Education
Faculty of Environmental Studies
Faculty of Fine Arts
Faculty of Graduate Studies
Faculty of Science
Osgoode Hall Law School of York University
Glendon College
Centre for Research in Experimental Space Science
Centre for Research on Environmental Quality
Institute for Behavioural Research
York University Transport Centre

Libraries
The York libraries hold 1,188,500 items including 575,000 microfilm by reel, and 600,000 microsheet by piece.

General Requirements for Admission 1975
Applicants for admissions to the university must have completed a full year 5 program certified by the school as appropriate in terms of content and achievement for a university degree program, with standing in all year 5 subjects.

In addition to the academic record, the university requires a report from the high school. Candidates are advised that the holding of the published admission requirements means only that they are eligible for selection.

Candidates from the United States must present Scholastic Aptitude Test scores, both verbal and mathematical, offered by the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540.

Bachelor of Arts in the Faculty of Arts
The Faculty of Arts offers both honours and ordinary programs leading to the Bachelor of Arts degree.

In their first year, students take a common program which is designed to expose them to the three main areas of learning: humanities, natural sciences, and social sciences. This program provides the solid foundation of a liberal education before specialization in later years. To meet these objectives, interdisciplinary courses are taught, either by teams of faculty members from the various disciplines or by an individual who brings the views of the different disciplines to bear on the subject matter of a particular course.

At the beginning of the second year of study, students are asked to declare a major subject. Students frequently select courses from several tentative major subjects at this time to ensure a greater range of choice when making their final selection at the beginning of the third year.

Honours programs (four years) and ordinary programs (three years) are offered in anthropology, computer science, economics, English, French, geography, German*, Greek*, history, Latin*, linguistics*, mathematics, philosophy, physical education (honours only), political science, psychology, Russian*, sociology, Spanish*.

There are a number of different honours programs as defined below:
Specialized Honours: Usually a minimum of eight to ten courses in a major subject;
Combined Honours: Ten courses in two major subjects with either five in each, or six in one and four in the other;
General Honours: Six courses in the major subject with elective courses being chosen from related disciplines;
General Honours (Individualized Studies): An individualized thematic program planned by the student with the assistance of a faculty advisor and
General Honours (Thematic) Programs. African studies, Canadian studies, East Asian studies, human resources development, Latin American and Caribbean studies, law and society, philosophy and history of science, religious studies, social and political thought, urban studies*.

*Available in combined or general honours program, but not in a specialized honours program.

Year 5 Requirements for Bachelor of Arts Program
Faculty of Arts applicants may present any six year 5 subjects deemed acceptable by their school for the purpose of entrance to the university with a minimum overall average of 60%.

Bachelor of Arts (Specialized Honours in Business) in the Faculty of Administrative Studies
Honours in Business: The Bachelor of Arts (Specialized Honours in Business) is a four-year honours undergraduate program, entered at the third year level after two years in another undergraduate faculty. Students must be eligible for admission to the third year of an honours program and have taken a suitable course in each of economics and mathematics in their preparatory two-year program.

Bachelor of Arts in the Faculty of Fine Arts
The Faculty of Fine Arts offers a four-year honours program with specialized honours and general honours programs. Specialization occurs in the following areas:
Department of Visual Arts: Studio art (painting, sculpture, printmaking, design, drawing, photography), art history.
Department of Dance: Performance, choreography, notation, criticism, teaching, dance therapy, history.
Department of Film: Film production and film studies.
Department of Music: Composition and improvisation, early music (performance and literature), jazz studies, world music (performance and literature).
Department of Theatre: Performance (acting and directing), production and design, drama studies.

The Evaluation Procedure
In addition to the regular requirements for admission to the university, the Faculty of Fine Arts requires an evaluation of an applicant's suitability for any of its departments. The requirements for each department are detailed in the York University Undergraduate Calendar. It is the applicant's responsibility to make an appointment for evaluation. Upon receipt of formal application the Admissions Office will provide an Evaluation Application which must be produced at the time of audition or interview, or with submitted material. Applicants from Ontario, but residing some distance from Toronto, should note that the Faculty of Fine Arts will make every effort to have evaluators see them close to their homes. Applicants will be advised of the location and dates of these evaluations.

Requirements for Admission to the Faculty of Fine Arts
Students may select any six year 5 subjects deemed acceptable by their school for the purpose of entrance to the university, with a minimum overall average of 60%. Applicants will also be required to offer appropriate evidence of aptitude or achievement by satisfying the evaluation procedure for the department to which application is intended.

Applicants of any age who do not hold the full year 5 or equivalent requirements may request special consideration if they can show evidence of high achievement in one or more of the several arts, and if they can satisfy the Senate Committee on Admissions and the Faculty of Fine Arts that they have a reasonable chance of success in both the academic and the professional portions of the university program of their choice.

Bachelor of Arts at Glendon College
Ordinary Programs: Three years with majors available in economics, English, French, history, political science, psychology, philosophy, sociology and Canadian studies. Students may undertake specialized honours studies in any of these subjects (other than Canadian studies) or combined honours studies in any two, or in French and Spanish.

General Honours: Programs are available to enable students to select a pattern of study not otherwise available to Bachelor of Arts honours candidates. Students complete at least six courses in one department and select the remaining courses in consultation with that department to form an effectual pattern of studies. General honours programs have been formally mounted in Canadian studies, international studies, and in social, political and economic thought.

Year 5 Subject Requirements
Applicants may select any six year 5 subjects deemed acceptable by their school for the purpose of entrance to the university.

English-speaking applicants to the bilingual program should normally have at least 60% in year 4 French or standing in year 5 French or equivalent, but some places are available in French language courses for which little or no previous preparation in French is required.

For students entering the unilingual stream, the normal year 5 admission prerequisites apply.

Atkinson College
Atkinson College, the evening Faculty of Arts and Science at York University, offers courses leading to four undergraduate degrees: Bachelor of Arts degree (both ordinary and honours), the Bachelor of Science degree (ordinary), the Bachelor of Arts degree (administration/honours), and the Bachelor of Social Work degree (honours). In addition to the customary arts program, there are programs in administrative studies, Canadian studies, fine arts, humanities, science, social work, and urban studies. The college operates on the course-credit, not the year, system. In summer, courses are offered during the day as well as in the evening. Courses are the equivalent of daytime courses, although not necessarily identical to them and are given mainly by the full-time Atkinson faculty. Classes are held on both the York and Glendon Campuses of the university.

Faculty of Education
York University offers four and five-year programs of interdisciplinary and specialized academic studies integrated with professional training. Students undertake a degree program in an undergraduate faculty of their choice (Arts, Science, Fine Arts, Glendon College or Atkinson College). Upon completion of their first year of academic study at York (or equivalent), they may apply to co-register in one of the following nine programs of the Faculty of Education. Successful completion of any one of the combined B.A. (B.Sc.)—B.Ed. programs leads to a recommendation for certification in Ontario as an elementary or secondary school teacher.
Man and Society
Man and Culture
Communication Arts
Man and Nature
Physical Education (including Health and Recreation)
Education of Exceptional Students
Quantitative Methods
Fine Arts
Second Languages (French)
Note: Lakeshore Teachers' College will close as of June 30, 1975. The consecutive teacher education programs formerly offered by Lakeshore Teachers' College will be discontinued at York University.

Bachelor of Science in the Faculty of Science
Both specialized honours programs (120 credits minimum) and ordinary programs (90 credits minimum) are offered in biology, chemistry, computer science, mathematics, physics, psychology, and applied computational and mathematical science. Specialized honours programs only are offered in physical education and in earth and environmental science.

Combined honours programs (120 credits minimum), in which the student may choose to major in a combination of two or three subjects, are available.

An honours science program (120 credits minimum), without specialization, is also offered.

The curriculum for the liberal science program (90 credits minimum) is designed to meet the growing need for a general education which includes a strong base in science, particularly for those students who have an interest in science, but who do not intend when they enrol as undergraduates, to pursue careers in science. The program permits maximum flexibility in the selection of courses offered by the Faculty of Science and by other faculties of the university. Students may continue their studies in the program to graduation or, as their interests develop, elect to apply to transfer into either another B.Sc. degree program or other programs leading to professional careers in fields such as economics, political science, and business administration. Indeed, such careers, based on a scientific rather than an art background, may better fulfill the country's developing needs in an increasingly scientific and technological age.

Requirements for Admission to the Faculty of Science
Applicants for admission to the honours, ordinary and liberal science B.Sc. programs in the Faculty of Science must present six year 5 credits, with an overall average of at least 60%. Those intending to pursue honours and ordinary science programs are advised to select chemistry, physics and two credits of mathematics at the year 5 level.

Bachelor of Laws at Osgoode Hall Law School
Candidates for this program must have successfully completed either three years of an approved university degree course following year 4 or two years of an approved university degree course following year 5, or have been awarded a degree in an approved program from a recognized university, and have satisfied all other requirements that may be prescribed.

Part-Time Daytime Studies
Each of the faculties, other than the Faculty of Administrative Studies, offers the opportunity for students to pursue studies on a part-time daytime basis.
Applicants should request, from the Admissions Office, information regarding the regulations pertaining to part-time studies in each faculty.

Annual Fees
The tuition fee for full-time undergraduate students in the 1974-75 session was $660.
Part-time studies: (Atkinson College) $130 per course.
Residence fees including meals (approximate)
Double rooms: $1,125; single rooms $1,200.
Only a limited number of single rooms are available to first year students. Fees are subject to change without notice.

Further Inquiries
Inquiries about admission requirements should be addressed to
Mr. J. A. S. McNeil
Director of Admissions
York University
4700 Keele Street
Downsview, Ontario M3J 2R3

For information about student awards and loans, please contact
Kaye MacDonald
Assistant Registrar (Awards)
York University
4700 Keele Street
Downsview, Ontario M3J 2R3

Schools Liaison
Mr. L. Davies
Assistant Director of Admissions (Liaison)
York University
4700 Keele Street
Downsview, Ontario M3J 2R3
Telephone (416) 667-2334

Schools Liaison Officer for Glendon College
Mlle. T. Boutin
Glendon College
2275 Bayview Avenue
Toronto, Ontario M4N 3M6
Telephone (416) 487-6211

Ontario College of Art

Toronto

President: Clifford C. Pitt

The Ontario College of Art is dedicated to providing its students with a visual education at an advanced level. Indeed, its prime purpose is to educate those who will earn a livelihood as professional artists and/or designers. Some graduates will proceed to related fields; others to quite disparate vocations but with an increased sensitivity to the visual arts, a sensitivity which will richly enhance their own lives and the lives of those around them. The college curriculum reflects the view that the visual arts, no less than the liberal arts, are an avenue to an understanding and appreciation of one's self, of one's culture, and of the world.

The college had its beginnings in 1876. Located at its present site since 1922, it has grown over the years to a campus which has seen several major additions to the original Grange Building, as well as the acquisition of a number of remodeled old houses and rented warehouse space immediately adjacent to the college. The physical facilities include a wide variety of studios, lecture/seminar rooms, and work stations. The many well-equipped shops and studios include wood, metal, plastics, foundry and casting, ceramics, textiles, film and video, photography, light laboratory, reproduction and typography, and printmaking. The college includes one of the largest specialized art and design libraries in Canada and a gallery run by students solely for the exhibition of student work.

Enrolment 1974-75
Total 1,192

Undergraduate Program
The Ontario College of Art is one of the few colleges in North America devoted to the education of the artist and the designer; certainly it is by far the largest of its kind in Canada. It enjoys the reputation of having produced more outstanding professional artists and designers than any other Canadian college or university art department.

The college grants the A.O.C.A. Diploma (Associate of the Ontario College of Art) upon graduation from the four-year program.

First year students take a common curriculum of Foundation Studies, a curriculum which is concerned with the heightening of perception and awareness, and with the development of concepts of visual creativity. Foundation Studies exposes students to a variety of approaches, ideas, media, materials, methods, processes and applications.

Following Foundation Studies, students may choose one of two approaches: they may select a generalist program which will allow them to select their courses freely from among all of the offerings available in the various departments, or they may select a specialist program which will allow concentration on a particular area or areas of study within a single department.

Specialist programs of study may be undertaken in the Departments of Fine Arts, Experimental Arts, Communication and Perception, Communication and Design, Product and Systems Design, and Design.

Through all four years, the curriculum is supported by the Resource Studies area which consists of the Department of Liberal Arts Studies and the Department of Technological Studies.

The individual is paramount at the Ontario College of Art. Students have their own advisor and every effort is made to help them develop a program particularly suited to their own educational background, experience, and talents, as well as to their future goals. All of this takes place in the context of a very exciting metropolis abounding in those kinds of experiences and facilities which are of very special value to the future artist and designer.

Graduate Program
The Ontario College of Art offers a fifth year of study to students holding the A.O.C.A. Diploma or its equivalent. The program is designed to provide students with a year of intensive study in one of the fields of concentration offered in the college program. A statement certifying the nature and duration of the study is provided at the end of the year.

Part-Time Programs and Evening Class Programs
The college can accommodate a limited number of students taking part-time programs of study within the regular day-time program.

A variety of credit courses is offered during the evenings and in the summer. Admission requirements, evaluation procedures, etc. for credit courses are the same as those applying to students in the full-time program.

Admission Requirements
Candidates for the A.O.C.A. Diploma must possess the minimum academic admission requirements of the Ontario Secondary School Graduation Diploma or its equivalent. Due consideration is given to additional academic achievement, relevant experience, and specialized education in art or design. Applicants lacking this academic standing may be admitted as mature students if they are at least 21 years of age. A portfolio is required and an interview is strongly recommended. Applications for admission in 1976 will be closed June 30, 1976. Overseas applications will be closed March 31, 1976.

Transfer of Credits to the University of Guelph

Bachelor of Arts Degree
For students possessing the admission requirements for the University of Guelph, the completion of each year at the Ontario College of Art carries some transfer credit. Those who graduate with the A.O.C.A. Diploma can expect credit for up to one and a half years of Guelph's three-year Bachelor of Arts degree. Because of the trisemester system available at the University of Guelph, OCA undergraduates can complete the balance of the credits required for the Bachelor of Arts degree by attending four spring semesters, usually May 1 to August 15. In short, it is possible for a student to obtain both the A.O.C.A. and the Bachelor of Arts degree in four full years of study.

Annual Tuition Fee
Total $475

Student Awards and Loans
Students may apply for financial assistance under the Ontario Student Assistance Program and the Canada Student Loans Plan. Scholarships are also available.

Further Inquiries
For further information, interested students are invited to write to
Joan Brabant
Registrar
Ontario College of Art
100 McCaul Street
Toronto, Ontario M5T 1W1
Telephone (416) 366-4977

Teacher Education

General information concerning courses offered and admission requirements follows in this section of *Horizons*, but it should be noted that these regulations may be subject to change. For further information and application forms for admission, applicants should write to the faculty, school, or college of education of their choice.

How to Qualify as an Elementary School Teacher

Students wishing to prepare themselves for a teaching career in an elementary school may apply for admission to a faculty, school, or college of education, if they have the necessary qualifications.

The colleges, faculties or schools of education at Brock University, Lakehead University, Laurentian University, Nipissing College, the University of Ottawa, Queen's University, The University of Western Ontario, the University of Windsor, York University and the Ontario Teacher Education College offer courses for students who wish to qualify as elementary school teachers.

The Faculty of Education, University of Ottawa, and the School of Education, Laurentian University provide teacher education programs for those who wish to teach in schools or classes having French as the language of instruction.

Courses and Admission Requirements

For admission in September 1976 to courses leading to certification as an elementary school teacher, the requirements stated below for faculties, schools, or colleges of education will be in effect.

Courses for Teaching in English Language Schools

Basic One-Year Course

An applicant for admission in September 1976 to one-year programs leading to elementary school teacher certification in Ontario, will be required to submit evidence of successful completion of an approved university degree in arts or science, or a degree deemed equivalent.

Special Courses

In addition to the basic courses previously mentioned, for which the regular admission requirements apply, specialized courses are offered at some institutions, if there is a sufficient number of applicants.

For applicants having a high level of proficiency in oral French, in addition to the basic one-year course, an optional course which leads to a Certificate as Teacher of French to English-Speaking Pupils in Elementary Schools may be given. (This course may be offered by the colleges or faculties of education at the universities where the elementary teacher education program is offered.)

Information about eligibility of certified teachers for summer school courses in the teaching of French may be obtained from the Teacher Education and Certification Branch, Ministry of Education, Mowat Block, Queen's Park, Toronto, Ontario M7A 1M7.

Courses leading to an Elementary Vocal Music Certificate, Type B, may be offered at colleges where the number of applicants justifies their establishment. (This program may be offered at the colleges and faculties of education at universities where the elementary teacher education program is offered.)

Admission to University Faculties, Colleges or Schools of Education

To be eligible for elementary school teacher certification in Ontario, an English-speaking applicant wishing to pursue a course in teacher education offered by the faculty or college of education of a university must meet the admission requirements of that institution and must complete successfully an approved academic degree program in arts or science, in addition to a year of professional training. (For details of admission requirements for degree programs, see the sections in *Horizons* on specific universities.)

For admission requirements for elementary school teacher certification valid in French language schools or classes, an applicant should write to the Admissions Officer at the School of Education, Laurentian University or the Faculty of Education, University of Ottawa.

An applicant who wishes to enrol at a university offering a program in professional education for prospective elementary school teachers should write to the Admissions Officer or to the Dean of the faculty or college of education of the university for information regarding admission requirements and courses.

How to Qualify as a Secondary School Teacher

Teachers of Academic Subjects

To become a qualified teacher of academic subjects in a secondary school, a student must have an approved university degree with standing in at least 15 full credit academic courses beyond year 5 or equivalent and must qualify for an Interim High School Assistant's Certificate, Type B, by successfully completing a teacher education course at an Ontario faculty, school, or college of education.

Students who are interested in taking a four-year or honours program at university may qualify for a Type A Certificate, as specialists in a subject.

The Type A subjects classified as academic include the following: Agriculture, anthropology, anglais, art, biology, chemistry, computer science, drama, economics, French, German, home economics, Italian, Russian, Spanish, English, français, geography, geology, Greek, history, Latin, mathematics, music, modern languages, political science, psychology, science, sociology, and theatre arts.

Teachers of Vocational Subjects

Teachers of technical or occupational (practical) subjects in the vocational or occupational classes of a secondary school must show evidence of at least year 4 or equivalent standing and approved, practical, wage-earning experience in a skilled trade directly related to the specialized subject field.

Candidates for admission to the course offered at a faculty, school, or college of education leading to a vocational or occupational (practical) certificate are required to pass an examination administered by the Director of Technical Proficiency Examinations.

Detailed information regarding minimum admission qualifications, available courses, professional experience required and course content is available from the following sources

The Director
Technical and Industrial Arts Department
Faculty of Education
University of Toronto
371 Bloor Street West
Toronto, Ontario M5S 2R7

Associate Registrar
Faculty of Education
The University of Western Ontario
1137 Western Road
London, Ontario N6G 1G7

The Director
Technical Proficiency Evaluation for the Colleges and Faculties of Education
Queen's University
Kingston, Ontario K7L 3N6

Teachers of Commercial-Vocational Subjects

Detailed information regarding the course leading to an Interim Commercial-Vocational Certificate, Type B, may be obtained from

Director
Business Education Department
Faculty of Education
University of Toronto
371 Bloor Street West
Toronto, Ontario M5S 2R7

Teachers of Special Subjects

In addition to the basic academic and vocational certificates valid in secondary schools, supplementary certificates are required for the teaching of certain special subjects demanding specialized knowledge, training or experience.

Examples of such subjects are art, guidance, home economics, industrial arts, library, music, and physical and health education.

Information regarding qualifications for these certificates is available from

Teacher Education and Certification Branch
Ministry of Education
Mowat Block, Queen's Park
Toronto, Ontario M7A 1M7

Fees 1975-76
In 1975-76 a tuition fee of $585 will be levied at the Ontario Teacher Education College. Fees will vary somewhat at faculties, schools, or colleges of education, with student activity fees included.

Financial Aid
Assistance based on financial need and actual students' costs is available under the Ontario Student Assistance Program. (See introductory section on financial assistance for details.) Further information on financial aid is available from the Principal of the Ontario Teacher Education College or from the Student Awards Officer of the university to which the student is applying.

Living Accommodation
Student teachers attending the Ontario Teacher Education College or a university away from home can obtain from the college (after July 1) or from the housing bureau of the university a list of convenient boarding houses. For residence accommodation at university, students who are interested in living on campus should apply early. (See introductory section on students' costs for details.)

Applications for Admission
An application form for admission to a faculty, school, or college of education may be obtained from
Ontario Teacher Education College—Hamilton
1400 Main Street West
Hamilton, Ontario L8S 1C7
Principal: R. H. Brayford
Telephone (416) 528-7049

Ontario Teacher Education College—Toronto
951 Carlaw Avenue
Toronto, Ontario M4K 3M2
Principal: J. Bain
Telephone (416) 461-6351

College of Education
Brock University
St. Catharines, Ontario L2S 3A1
Dean: R. Moase
Telephone (416) 684-7201

Faculty of Education
Lakehead University
Thunder Bay, Ontario P7B 5E1
Dean: J. T. Angus
Telephone (807) 345-2121

School of Education
Laurentian University
Ramsey Lake Road
Sudbury, P3E 2C6
Dean: J. Martineau
Telephone (705) 675-5647

Faculty of Education
McArthur Hall
Queen's University
Kingston, Ontario K7L 3N6
Dean: V. S. Ready
Telephone (613) 547-3264

Faculty of Education
Nipissing College
College Education Centre
P.O. Box 5002
North Bay, P1B 8L7
Dean: A. J. Johnson
Telephone (705) 474-3450

Faculty of Education
(English and French Programs)
University of Ottawa
75 East Laurier Avenue
Ottawa, Ontario K1N 6N5
Dean: L. P. Desjarlais
Telephone (613) 231-3960

Faculty of Education
University of Toronto
371 Bloor Street West
Toronto, Ontario M5S 2R7
Dean: John C. Ricker
Telephone (416) 928-3223

Faculty of Education
The University of Western Ontario
1137 Western Road
London, Ontario N6G 1G7
Dean: E. Stabler
Telephone (519) 679-3292

Faculty of Education
University of Windsor
600 Third Concession Road
Windsor, Ontario N9E 1A5
Dean: A. S. Nease
Telephone (519) 969-0520

Faculty of Education
York University
4700 Keele Street
Downsview, Ontario M3J 1P3
Dean: R. Overing
Telephone (416) 667-6301

The Certified General Accountants Association of Ontario

Toronto

Certified General Accountants are members of Canada's second oldest accounting organization (incorporated in 1913) and are found in such positions as company officer, general manager, treasurer, comptroller, and chief accountant.

Through the CGA Association a course of study is offered which will prepare students to become direct participants in management. They will study such management subjects as financial management, information systems, and comptrollership. The CGA program offers the things most people want from their job—an occupation that is held in high regard by the community, challenge, job satisfaction and a salary level which matches it.

Graduation qualifies a person for the designation CGA and membership in the association.

Enrolment 1974-75
Total 5,600

Curriculum
The course is national and all subjects, other than provincial statutes, are identical in each province. Students may transfer from province to province without any disruption in their study program. The course covers the broadest range of financial management subjects and includes accounting, business and statute law, mathematics of finance, managerial statistics, financial accounting, cost accounting, economics for management, information and computer systems, advanced accounting theory, audit theory, taxation, specialized accounting, financial comptrollership, audit application, and organizational behaviour.

A change in the fifth level of the program now permits undergraduates to choose one area of specialization in their final year. They will study advanced courses in one of the following areas: Financial accounting, controllership, taxation or auditing.

The study program was developed and is constantly updated by university professors from different universities in Canada, in conjunction with the Faculty of Commerce and Business Administration of the University of British Columbia and officials of the Course Administration Committee of the CGA.

Study Program
The program is primarily on a correspondence basis supplemented by lectures [illegible] as located throughout the [illegible] generally in universities and colleges.

Course Emphasis
The course places more emphasis upon financial management than upon cost accounting or auditing.

Student Salaries
A salary survey completed in 1974 showed CGA salaries both for the students and the graduates to be at a high professional level with average increases of 20% since the previous salary level survey was taken three years earlier. This is indicative of the steady and increasing demand for accountants with a broad educational background who have more versatility than someone who is specialized in a narrower field. The average salary for 1974 graduates is $15,500.

Admission Requirements
The national minimum entrance requirement is year 4 (grade 12) or equivalent. Applicants must have a knowledge of algebra or enrol for a CGA summer correspondence program in preparatory mathematics. Approximately 50% of those entering the course do so after having graduated from university or college. Students of the CGA program may select the type of business in which to be employed and gain their practical experience. The choice is entirely theirs. All applicants must be residing in Canada.

Modular System
CGA has a modular system of study which enables students to vary their subject sequence to suit the demands of their employer and personal needs.

Also available is a cassette coaching program with pre-recorded study/review material. Examination reprints with comments and suggested solutions are also available.

Services
Undergraduates and members participate in and benefit from very active local chapter associations. CGA also operates a career counselling service, a research department and a comprehensive library and provides its members with their own professional magazine and optional continuing education courses in supervisory techniques and management communications.

Further Information
Registrar
The Certified General Accountants Association of Ontario
25 Adelaide Street East
Toronto, Ontario M5C 1Y6
Telephone (416) 366-6501

The Institute of Chartered Accountants of Ontario

Toronto

Executive Director: Thompson Merrilees

In recent years chartered accountancy has become one of the most rapidly expanding professions in Ontario. The demand for CAs in public practice, as well as in business, industry, government and education, reached such a high level that membership in the Institute more than doubled from 5,000 in 1962 to nearly 11,000 in 1975.

The chartered accountant is trained as a professional public accountant. As members of The Institute of Chartered Accountants of Ontario—the qualifying body under the Public Accountancy Act—they are eligible for a public accountant's license. In addition, CAs may, after they have qualified, choose to leave public accounting and many hold senior positions in a variety of other fields.

The Institute, which was founded in 1879, trains and examines candidates for the profession and regulates the professional standards of its members and students. Only members of the Institute can call themselves chartered accountants and use the designation CA.

Student Body
In 1974 new enrolment of CA students in Ontario passed the 1,000 mark for the first time—in fact the total was more than 1,100, compared with 945 in 1973, the previous enrolment record. The student body totals 3,200 this year and it is anticipated that the Institute will have about 3,400 students in 1976.

The profession is also attracting an increasing number of female students, since accountancy is a field which offers equally rewarding careers to men and women.

Admission Requirements
University graduation is the basic admission requirement to the program of study leading to the CA designation.

Students must register with the Institute and obtain employment in the office of a practicing chartered accountant to start three years of practical experience. They must also complete, at a designated university, the 45 semester hours of business and related subjects specified by the Institute.

If students have taken any of the specified courses as part of any undergraduate or graduate program, they will be granted advanced standing in that subject and will not be required to repeat the work.

Exceptional students may qualify for a reduced practical experience requirement, from three to two years. Details are available from the Institute.

After completion of the above program, students must complete the Institute's School of Accountancy, a four-week summer program covering special professional requirements not taught at universities, before they attempt the final examinations.

A "conditional registration" procedure will permit non-university graduates to register with the Institute and to take their university classes part-time while employed by a firm of chartered accountants, but they must complete their university degree in order to write the final examinations.

Waterloo Co-operative Program
A special program is available at the University of Waterloo which enables students to obtain an honours mathematics degree and CA membership in alternating work-study semesters. Interested students can consult the University of Waterloo section of *Horizons* in which co-operative programs are described, or get details from the Institute.

Deadline for Registration
Students register with the Institute as soon as they are employed by a practicing firm. Applicants must also comply with the university registration dates for extramural students enrolling in degree courses. Details should be obtained from the university chosen by the applicant.

Tuition Fees
Students can obtain information about university course fees directly from the university of their choice.

In addition, students must pay the Institute's registration fee of $35 when they enter the program, plus an annual fee of $55. At present the fee for the Ontario Institute School of Accountancy is $350 and the final examination fee is $160.

Student Salaries
Chartered accountancy students are full-time employees of practicing firms. The salaries paid to them are fully competitive with salaries which may be offered in any other positions open to them.

Further Inquiries
For further information, please contact
Director of Education
The Institute of Chartered Accountants of Ontario
69 Bloor Street East
Toronto, Ontario M4W 1B3
Telephone (416) 962-1841

Society of Industrial Accountants of Ontario

Executive Director: E.W. Scott

The Society of Industrial Accountants of Ontario is a non-profit organization created to serve Canadian business and dedicated to furthering the profession of management accounting.

Incorporated in Ontario in 1941, the Ontario society is one of ten affiliates of the Society of Industrial Accountants of Canada, through which its nationwide educational programs are administered.

Of the 38 chapters in operation across Canada, 20 are located in Ontario. Each holds monthly meetings of major interest to those involved in the accounting profession.

Enrolment 1975-76
Ontario 7,500

The RIA Course
The society's professional education course is the only program which specializes in the field of industrial and management accounting. It leads to a nationally recognized designation, the RIA (Registered Industrial Accountant), upon completion of a five-level study program. The RIA course teaches the concepts and techniques of management accounting, including related subjects in law, statistics and business management and other relevant areas of financial management and control.

The course and its examination procedures are uniform in all Canadian provinces. This means that a student who moves from one province to another may continue studies without interruption. In Ontario the RIA evening lecture course is conducted at seven universities and 15 community colleges in co-operation with the society.

Universities
Brock, Carleton, McMaster, Toronto (Erindale, St. George and Scarborough Campuses), Western, Windsor and York.

Community Colleges
Algonquin, Cambrian, Canadore, Conestoga, Confederation, Durham, Georgian, Lambton, Loyalist, Mohawk, Northern, St. Lawrence, Sault, Seneca and Sir Sandford Fleming.

The RIA course is also available by correspondence.

Admission Requirements
Year 4 graduation is the usual academic minimum for admission to the first level of the RIA program. However, students with post-secondary standing in equivalent subjects may enter at an advanced stage.

Proof of academic standing must be submitted with all applications for admission or exemption.

Applications for enrolment may be considered from mature students who might not otherwise qualify for admission.

Specific course exemptions are granted on the basis of individual application to the provincial society in whose jurisdiction the applicant resides.

The basic criterion for exemption is that candidates for the RIA program do not have to repeat equivalent courses taken at other recognized institutions (ordinarily granted on the basis of marks earned on formal examinations).

Graduates of other professional associations, universities and colleges, particularly of business and accounting programs, are usually eligible for several exemptions. The modular structure of the RIA program permits maximum flexibility in the granting of exemptions.

Student Salaries
Salaries range upwards to $16,000 for fifth level students.

Other Services
The society recognizes three classes of membership: Registered, general and student. Anyone taking the RIA course automatically becomes a student member, and as such, can take advantage of the many services provided to assist students. At the national office in Hamilton, a comprehensive library and research facility is maintained. A bi-monthly magazine, *Cost and Management*, carries articles written by experts in their field to cover all aspects of accountancy. A comprehensive postgraduate education program and a placement service to assist members seeking positions are also available.

Further Inquiries
For further information please contact
Registrar
Society of Industrial Accountants of Ontario
25 Adelaide Street East, Room 1616
Toronto, Ontario M5C 1Y2
Telephone (416) 363-8191
or
Society of Industrial Accountants of Ontario
154 Main Street East
Hamilton, Ontario L8N 1G9
Telephone (416) 525-4100

Centralia College of Agricultural Technology

Huron Park

Principal: J.A. MacDonald

Centralia College is located 25 miles north of London in the Huron Industrial Park which was formerly the Canadian Forces Base, Centralia. The College opened in October 1967 and offers two-year diploma courses in agricultural business management, animal health technology, food service management, fashion and community home economics.

Enrolment 1974-75
Total 277

- **Programs Offered**

Two-year courses from September to April each year.

Agricultural Business Management
This course is primarily designed to assist rural youth to become successful farm operators. The educational program is also geared for graduates to take related positions with commercial companies, in government service, as commercial farm managers, etc. Emphasis is placed on business management throughout the course of study. A full-year farm analysis project gives students extensive training in real farm situations while they are still enrolled at the college.

Animal Health Technology
The course is designed to provide trained technical personnel to perform necessary tests to assist veterinarians in accurate diagnosis and efficient treatment of animal disease. Graduates will be employed by large animal practitioners, small animal hospitals, government agencies and laboratories.

Food Service Management
A combination of academic and practical subjects pertaining to food service management are taught to prepare students for challenging careers as supervisors or managers in the food service industry. Emphasis is placed upon management principles and production techniques related to the hospitality and institutional environments. The rapidly expanding hotel and restaurant industry, as well as hospitals and other health care facilities and educational institutions, require graduates who are knowledgeable in the organization and function of food service. Graduates are qualified to work as food service supervisors in hospitals and other health care institutions and are eligible for membership in the Canadian Food Service Supervisors Association.

Fashion
Through a combination of academic and practical subjects in fashion, and in addition to studies in the behavioural sciences related to the consumer, students are prepared for interesting careers in fashion retailing, pattern and fabric promotion, and as home sewing consultants. With further experience, students may follow careers in fashion co-ordinating, bridal counselling, fashion copy writing and advertising layout.

Community Home Economics
This is a general course in home economics, with emphasis upon family and consumer studies. Graduates will be able to work as home economics technicians in public and private health care and social service agencies, as paraprofessionals in educational institutions, as technicians in consumer information bureaus, government departments and in agencies overseas.

Admission Requirements
All courses require an Ontario Secondary School Graduation Diploma (27 credits). Older students are assessed on an individual basis.

Residence Accommodation
Accommodation is provided in residences on campus.

Extensive recreational facilities contribute to the enjoyment and development of the students. There is an artificial ice arena as well as a curling rink, bowling lanes, gymnasium, track, and ball diamond.

Fees
Tuition $200 per year
Room and meals $22 per week (includes nine meals). Additional meals are provided at reasonable charge.
Total cost per year including tuition, residence, meals and books is approximately $950.

Student Awards
A number of bursaries, scholarships and other financial awards are available from various organizations and municipalities. Students may also be eligible for assistance under the Ontario Student Assistance Program.

Further Information
For further information, please contact
Principal
Centralia College of Agricultural Technology
Huron Park P.O.
Ontario N0M 1Y0
Telephone (519) 228-6691

Kemptville College of Agricultural Technology

Kemptville

Principal: John D. Curtis

Post-secondary courses leading to diplomas in agriculture and food and fashion are offered at the Kemptville College of Agricultural Technology. This residential, co-educational college was founded as the Kemptville Agricultural School in 1917.

Adjacent to the town of Kemptville, 30 miles from Ottawa, the campus occupies part of some 800 acres of college property. Experimental plots, orchards, gardens and dairy and beef herds provide facilities for study, research, and demonstration.

Enrolment 1974-75
Total 250

Admission Requirements
The Ontario Secondary School Graduation Diploma or equivalent is required for admission to the courses leading to a diploma in agriculture or food and fashion.

A student who has completed, at the secondary or post-secondary level, the equivalent of a course offered by the college, may request advanced standing in that subject.

An applicant unable to meet the above academic requirements for admission may submit an application as a mature student. Such application should include all pertinent information which will justify special consideration.

- **Diploma Courses Offered**

Agriculture
Four semesters are usually required to cover the diploma curriculum. A beginning student may register for either of the two junior semesters. It is not necessary to proceed directly from one semester to the next, and the choice of taking one or two semesters per year is open to the student. Semesters begin in September and January. Mature students may register for credit as full-time students, or as part-time students, taking individual subjects.

Food and Fashion
Four semesters are usually required to cover the diploma curriculum. The objective of the course is to prepare students for entry into the food service and/or fashion industry in a management capacity. A beginning student may register for either of the two junior semesters. It is not necessary to proceed directly from one semester to the next, but the choice of taking one, two or three semesters per year is open to the student. Semesters begin in September, January and April. Mature students may register for credit either for the entire course or for individual subjects.

Residential Life
The Kemptville College of Agricultural Technology will provide accommodation for full-time students wishing to live on campus.

Bell Hall, the larger of the two residences, provides accommodation for 200 students in double rooms. In addition, there is a large recreation area equipped with stereo and colour television. Each floor is provided with lounges.

The Women's Residence accommodates 68 students in double rooms. There is also an attractive lounge, a reading room, hobby room, TV room, kitchen and laundry facilities. Food and clothing labs are also in this building.

Student Awards
A number of bursaries presented by charitable organizations, municipalities, and individuals are available to deserving students. Special awards, scholarships and prizes, amounting to several thousands of dollars are generously donated by benefactors. Students may also apply for loan-grant assistance under the Ontario Student Assistance Program. For details see the introductory section on financial assistance for students.

Fees
Tuition (per semester) $100
Rooms and meals, student activity fees, books, and miscellaneous expenses bring the total to about $550 per semester.

Further Information
Inquiries should be addressed to
The Registrar
Kemptville College of Agricultural Technology
Kemptville, Ontario K0G 1J0
Telephone (613) 258-3411 Ext. 237

New Liskeard College of Agricultural Technology

New Liskeard

Principal: J. D. Butler

The college was established in 1967 to provide technical agricultural education to the people of northern Ontario considering a vocation in farming and associated fields. The campus is located within the town of New Liskeard, District of Temiskaming, 100 miles north of North Bay. The college is situated at the southern tip of the Little Clay Belt, an important farming area of northern Ontario.

Modern educational and demonstrational facilities consist of a 480-acre farm site, and a new educational building housing laboratories, shops, classrooms, arena, library and other related facilities. A year-round farming program is maintained to provide instructional material and to carry out applied research projects.

Enrolment 1974-75
Total 65

Diploma Course
A two-year course of four terms starting in late September and ending in April. Teaching methods include lectures, laboratory periods, practical projects, seminars and special management presentations.

Admission Requirements
Ontario year 4 or the equivalent is most desirable with emphasis on mathematics, chemistry and other science courses. Applicants over 18 years of age and having less than year 4 standing will be considered on the basis of their experience and academic standing.

Student Accommodation
Students are accommodated in selected private homes throughout New Liskeard and in farm homes close to the college.

Further Inquiries
Inquiries should be addressed to
Principal
New Liskeard College of Agricultural Technology
New Liskeard, Ontario T0J 1T0
Telephone (705) 647-6701

Ridgetown College of Agricultural Technology

Ridgetown

Principal: W. W. Snow

Ridgetown is midway between London and Windsor, 20 miles from Chatham, in the centre of the prosperous farm area of western Ontario.

The college was established as the Western Ontario Agricultural School in 1951. It has modern facilities for agricultural teaching which include laboratories, a library, greenhouses, livestock and agronomy buildings and student residence buildings. There is a college farm of 450 acres for demonstration and research purposes.

Enrolment 1974-75
Total 220

- **Courses Offered**

The academic year at Ridgetown is divided into three terms per year and the programs are two years in length. Terms begin in September, December and February and each term is a prerequisite of the next.

Agricultural Production and Management
This program is designed to provide training both for careers in the business of farming and for positions in the expanding agricultural industry. The course consists of a basic core of subjects plus electives. Through selection of electives the students may direct their area of emphasis towards their chosen career.

Agricultural Laboratory Technology
This program is designed to train students in fundamental laboratory principles and techniques and their application in the agriculture and food industry. It consists of basic subjects but then emphasizes the laboratory aspects of agriculture. Employment opportunities exist in research, testing and quality control in connection with food processing, meat and milk products, agricultural chemicals, fertilizers, feeds and seeds.

Agricultural Secretary
A program begun in 1971 to train people in the provision of clerical and stenographic services as they apply to farm business. The program concentrates on the record keeping aspects of today's farms, using a basic core of subjects necessary to understand the operations of most farm businesses.

Admission Requirements
Applicants should have successfully completed Ontario year 4 or its equivalent. Mature students with less than year 4 standing will be considered on individual merit.

Student Awards
A number of bursaries and scholarships, ranging from $50 to $150 each, are awarded annually to students requiring financial assistance. In addition, almost $3,000 is made available by special county awards, service club donations, memorial and scholastic awards and prizes. Students may also apply for loan-grant assistance under the Ontario Student Assistance Program. See introductory section on financial assistance to students.

Residence Accommodation
Students live on campus in Steckley Hall. The rooms, each accommodating two students, are equipped with clothes closets and comfortable furnishings, including combination dresser-desks. Accommodation is available for both men and women.

Recreation
Students participate in hockey, basketball, volleyball, curling, bowling, skating, billiards and table tennis. A student executive operates a coffee house on campus.

Fees
Tuition is $200 per year as follows: First term $60, second term $70 and third term $70. Room and nine meals per week, student activities, fees, books, tuition and miscellaneous expenses amount to $712.75 per year. Weekend meals are available at a reduced cost.

Further Inquiries
Please address further inquiries to
The Principal
Ridgetown College of Agricultural Technology
Ridgetown, Ontario N0P 2C0
Telephone (519) 674-5456

The Niagara Parks Commission School of Horticulture

Niagara Falls

Superintendent: Charles H. Henning

The Niagara Parks Commission School of Horticulture was established in 1936 as a training school for apprentice gardeners. Situated about five miles north of Niagara Falls, its facilities include a herbarium, a library, a residence building, biology and chemistry laboratory, a frameyard, a potting shed and two greenhouses.

The grounds consist of 100 acres, most of which are intensely planted and developed and are open for the enjoyment of the public.

The program allows each student to acquire practical knowledge, skill and training in general horticulture including botany, arboriculture, floriculture and landscape art.

Graduates of the school may obtain employment with the Niagara Parks Commission, or with commercial establishments, other parks, educational institutions, universities or botanical gardens.

Enrolment 1974-75
Total 36 (12 per year)

Admission Requirements
A minimum of year 4 or its equivalent is required with credits in the following subjects: Year 4 English, year 4 chemistry or physics, year 4 mathematics, algebra and geometry. Preference will be given to those applicants who have received their Secondary School Graduation Diploma through the four or five-year stream of the arts and science program.

Previous experience in gardening or some closely related field is essential. The extent and nature of candidates' practical experience can be factors that have an important bearing on deciding their selection for admission.

A candidate for admission must be a Canadian citizen, 18 years of age, physically fit, have a good personality and interest, and give promise of leadership in the field of horticulture. All applications must be received by the end of June for admission to the school the following April.

- **Courses Offered**
A three-year diploma program in horticulture. The school year begins the first week of April. Courses include a wide variety of horticultural mechanization, botany, greenhouse and nursery production, weed control, plant diseases and greenhouse management. English and mathematics are also specified, in addition to manual gardening operations.

Fees
Tuition fees for lectures and practical training for the three-year course total $1,500. In addition, a deposit of $100 must be paid by each applicant. If students complete their training and are granted a diploma, their deposit--less any charges for breakages or loss of equipment—will be returned.

Residence Accommodation
Accommodation for two years is provided free of charge in the school residence. Third year students live off campus. The residence building contains double rooms for students. Showers, clothes closets and individual lockers are integral parts of the living quarters. A reading room, dining room, kitchen and staff quarters are also located in this building.

Student Financial Allowance
A weekly subsistence allowance which increases annually according to a staged scale, is provided for students at the school. The allowance is to permit them to meet their ordinary financial obligations during the period of their training.

Further Information
Please write to
School of Horticulture
The Niagara Parks Commission
Niagara Falls, Ontario L2E 6V5
Telephone (416) 356-8554

Canadian Coast Guard College

Ministry of Transport

The Canadian Coast Guard College in Sydney, Nova Scotia, offers excellent training and career opportunities to young men and women who have a desire for a seafaring life and who want to see more of, and learn more about Canada.

The college opened its doors in September 1965. Its aim is to produce professionally competent Coast Guard Officers who have an understanding of modern leadership and management.

As graduate officers, they may serve aboard powerful ice-breakers, in speedy search and rescue craft, aboard the world's most modern weather-oceanographic and cable-laying vessels, or in the lighthouse and buoy tending vessels that constantly travel Canada's shipping lanes to ensure that the nation's marine commerce moves in safety. The fleet has more than 60 vessels of sea-going size and includes some of the most powerful and most modern ships of their type in the world.

Training
The college training course commences in September. Subjects studied cover a wide range, including, apart from those directly concerned with ship's deck or engine room operation, studies in the fields of mathematics, the sciences, marine law, economics and other fields that are related to shipping. Strong emphasis is placed upon acquiring a working knowledge of both official languages so that graduates will be able to serve, upon completion of their training, aboard vessels anywhere in Canada.

Applicants must be prepared to serve as officers in the Canadian Coast Guard at sea for a period of three consecutive years immediately after graduation from the college.

Language Requirements
A knowledge of the English or French language is sufficient for appointment to these positions.

Admission Requirements
To be considered for admission to the Canadian Coast Guard College students must have:

(a) reached their 17th but not their 21st birthday as of September 1 of the year of enrolment,
(b) successfully completed secondary school with algebra, geometry, trigonometry, physics and French or English language at graduation level,
(c) a pre-employment oral and written examination, and
(d) a pre-employment medical related to career requirements.

Students who will be graduating from secondary school in 1976 are eligible to apply. Proof of graduation must be provided before appointment as an Officer Cadet can be made. The closing date for application is February 28, 1976.

Benefits
Cadets receive a monthly allowance ($110-$155) while attending college. On first joining, they get travelling expenses from home to the college. Return travelling expenses are covered, after the first $25, from the college to home once a year by the most economical means.

They receive free uniform issue, free books and free board and lodging. They are covered by Government Employees' Workmen's Compensation and are eligible to participate in the Public Service Superannuation Plan, group surgical-medical provision and many other benefits.

Physical Education
The college has a physical education program under the direction of qualified instructors.

Further Inquiries
Requests for application forms and information concerning the Canadian Coast Guard College should be directed to
Staffing Officer
Canadian Coast Guard
Ministry of Transport
Area 21E, Transport Canada Building
Place de Ville
Ottawa, Ontario K1A 0N7

Health Sciences and Social Services

Not so long ago students who wanted to "help people" considered medicine or social work. Now they have a wide variety of occupations to choose from in the health sciences and social services that are essential to the health and welfare of the community.

Health Sciences

How many students are aware of the variety of careers open to them in the field of health sciences? Medicine, nursing, dentistry and pharmacy are probably familiar, but there are many other professional occupations and skilled jobs that students could consider.

The health sciences field is a rapidly growing area in which practical work, research, and teaching change so quickly that people with new and varied skills are needed. The concept of the clinic, the increasing importance of preventive health care as well as specialization have made group practice in many cases a better answer to the needs of patients. The hospital and the individual office are not the only places of work. Students interested in the health sciences may find that they will work in clinics, government programs, in industry, for school boards or in teaching institutions, in nursing homes, or rehabilitation centres.

Many of the health science programs have limited enrolments. Students may therefore wish to consider more than one specific occupation when planning an education, keeping as many options open as possible. The following is not an exhaustive list of career possibilities, but only a guide to major areas within the health sciences field.

Audiologist and Speech Therapist
Students interested in the area of communication disorders are made familiar both with speech therapy and audiology. Speech therapy is the diagnosis and treatment of persons with disorders of speech, such as stuttering or language defects due to brain damage or impaired hearing. Audiology is the diagnosis and treatment of hearing disorders using a variety of methods including lip reading. The two-year postgraduate program at the University of Toronto leads to a Diploma in Speech Pathology. Students are given background in audiology, but the program does not prepare them for the audiology profession. The four-year degree program at The University of Western Ontario prepares students for a career both in audiology and speech therapy. Graduates from the two programs are eligible for membership with the Ontario Speech and Hearing Association.

The University of Toronto requires applicants who wish to enter the diploma program to have a baccalaureate degree in arts or science. Students who wish to apply to the degree program at The University of Western Ontario must have completed one year of university with courses in psychol-biology, physics, math, and applied math; or the equivalent.

For further information please contact the office of admissions of both universities.

Chiropractor
Chiropractic is a system of healing which holds that some diseases are a result of lack of normal nerve function and that this deficiency can be corrected by the manipulation and adjustment of body structures—especially the muscles and the spinal column.

The program at the Canadian Memorial Chiropractic College is a four-year program which includes basic science, chiropractic education, and practical clinical training. The program leads to graduation as a Doctor of Chiropractic.

Canoidates for admission must have completed Ontario year 5 or the equivalent. In addition, one year of university standing with credits in biology, chemistry, and psychology is required. Applicants in doubt as to their qualifications are advised to submit their references and academic records to the Registrar for evaluation and consideration.

For further information please contact
Registrar
The Canadian Memorial Chiropractic College
1900 Bayview Avenue
Toronto, Ontario M4G 3E6
Telephone (416) 487-5588

Dentist
Dentistry is a four-year program offered by two universities in Ontario—Toronto and Western. Students spend their first two years primarily in learning basic medicine. During this period dental students at Western actually attend some classes along with medical students, whereas at Toronto dentistry is a completely separate faculty. Although there is a general introduction to dentistry in the first two years, it is in the last two years that the study of dentistry is extremely intensive. About half of the training in the final years is spent in clinics.

Students are taught to diagnose and treat diseases of the mouth and jaw that are connected with the teeth. Today the emphasis has changed from correction to prevention. Upon graduation the dental student may consider specializing in several areas: the study of anaesthetics (anaesthesiology); dentistry for children (paedodontics); correction of facial and dental irregularities such as the straightening of teeth (orthodontics); and the replacement of missing teeth or other parts around the mouth (prosthodontics), etc. Besides entering private practice, graduates can also consider working for public health, teaching, or doing research at a number of hospitals, government agencies, and most dental schools.

The requirements for admission to Toronto and Western vary. A student applying to Toronto must have an OSSHGD and a minimum of one year in a general science program or the equivalent. Required courses at the first year university level include chemistry, zoology or botany, and physics. Students can only apply to Western after completing a minimum of two university years during which they must have taken biology, chemistry, and physics.

For further information please contact
The Secretary
Faculty of Dentistry
University of Toronto
Toronto, Ontario M5G 1G6

The Secretary
Faculty of Dentistry
The University of Western Ontario
London, Ontario N6A 3K7

Dental Assistant/Dental Hygienist/Dental Technician

Dental Assistant
The dental assistant program is usually one year (eight months) in duration and trains students to take care of dental instruments, to prepare materials for use by the dentist, to develop x-rays, to receive and prepare patients, and to be acquainted with chairside assisting procedures and office management practices. Students also receive clinical practice in dental offices and clinics. Upon successful completion of the program and following one year's practical experience, the dental assistant may apply for certification from the Ontario Dental Nurses and Assistants Association. Usually an OSSGD or the equivalent is required, and a science background, typing, and a good command of English are either required or recommended.

For further information about the programs and admission requirements please contact the office of admissions at the following community colleges: Algonquin, Canadore, Confederation, Durham, Fanshawe, George Brown, Georgian, Niagara, St. Clair, and Seneca.

Dental Hygienist
The dental hygienist program is two years in length and involves theoretical and practical clinical training. Focus is placed on the promotion of oral hygiene and the instruction in the development and maintenance of good dental health habits. Students are also trained to teach the principles of dental health, so that upon graduation they are able to instruct patients or groups of people, especially school children, if they are employed in the field of public health. Upon successful completion of the program, graduates are eligible for licencing by the Royal College of Dental Surgeons of Ontario.

Students who are considering this program are required to have an OSSHGD with year 5 chemistry and biology or mature student status. Starting in 1976 the program will be offered by George Brown College. Algonquin College also offers the program.

For further information please contact the office of admissions at Algonquin College or George Brown College.

Dental Technician
The dental technician program is offered at George Brown College. It is a three-year theory and practical program which trains students to make dental aids such as dentures, bridgework inlays, metal clasps, and devices for the straightening of teeth. On completion of training all dental technicians must write qualifying exams in order to be registered by the Governing Board of Dental Technicians.

Admission requirements include an OSSGD with standing in any three of biology, physics, chemistry, or mathematics. A student considering this occupation should have a high degree of manual dexterity.

For further information contact the office of admissions at George Brown College, or
Governing Board of Dental Technicians
11A Glen Watford Drive
Agincourt, Ontario M1S 2B8

Dietitian
In order to become a dietitian it is necessary to fulfil certain academic requirements, as well as to complete a dietetic internship. Students who consider this profession can become specialists who plan, organize, and manage food services; provide therapeutic nutrition care for patients; instruct individuals and groups; assist in research; or make the community aware of nutrition information.

Four universities—Guelph, Ottawa, Toronto and Western—and Ryerson Polytechnical Institute offer three and four-year programs in the area of food and nutrition or home economics that are recognized by the Canadian Dietetic Association. To qualify for membership with the association students can enter either during the summers of their second and third years (integrated internship) or after graduating (graduate internship). The academic programs vary among the institutions. For instance, at the University of Toronto students, after one year in a general arts and science program, can enter the program offered by Toronto's Department of Nutrition and Food Science in the Faculty of Medicine. All the institutions listed require an OSSHGD.

For further information about additional requirements please contact the office of admissions at the institution of your choice.

Further information about internship programs can be obtained from
Canadian Dietetic Association
1393 Yonge Street
Toronto, Ontario M4T 1Y4

Medical Doctor
Five Ontario universities—McMaster, Ottawa, Queen's, Toronto, and Western—have schools of medicine that offer three or four-year programs. The curriculum involves theoretical and practical clinical education, so that students have a sound knowledge of the basic principles of health and disease. Following the degree, graduates serve for one year as interns in hospitals or other medical institutions. In order to enter practice, graduates must obtain a licence. Each province has a licencing body which has its special requirements. In Ontario, a licence is obtained upon successful completion of the Medical Council of Canada exam and a year of internship in an approved hospital. Those graduates who wish to specialize enter residency programs after their internship in such areas as neurology, psychiatry, or gynecology.

Admission requirements vary from university to university, but the usual minimum requirements include two or three years in a general arts and science program with courses in physics, biology or zoology, chemistry, and organic chemistry. Enrolment is limited. Last year there were over 8,700 applications for 597 positions in first-year medicine at Ontario universities.

For further information, please contact the admissions office in the faculty of medicine at the universities listed above.

Nurse/Nursing Assistant
Preparation in nursing is available via three avenues: Diploma nursing programs, degree (B.Sc.N.) programs and nursing assistant programs.

Diploma Nursing
Diploma nursing programs are offered in all colleges of applied arts and technology and at Ryerson Polytechnical Institute. These programs are two years in length and contain planned clinical experience in hospitals and in a variety of other community settings. Clinical experience is supervised by faculty from the nursing program. Upon successful completion of the program, students are eligible to write the College of Nurses examinations for registration as nurses in Ontario.

The two-year diploma nursing program prepares beginning practitioners in nursing who can function as members of the health team in providing health care to persons of all ages, with different health problems in a variety of situations. The educational preparation includes the basic scientific principles of nursing care, general and nursing knowledge, understanding of the health needs of individuals and groups, as well as the preventive, curative and restorative aspects of nursing and the maintenance of health. Emphasis in the diploma program is placed on the development of the skills and judgement involved in the giving of direct nursing care.

Graduates may work in active treatment and chronic hospitals, health clinics, homes for the aged, industry, doctors' offices and other health care agencies in the community.

Applicants to diploma nursing programs offered in the colleges of applied arts and technology are required to hold an OSSGD with two senior division credits in science. Additional qualifications may be recommended in order to give prospective students a better chance of completing the program successfully. Selection procedures vary from college to college. (See nursing education booklet published by the Ministry of Colleges and Universities).

Mature students (19 years and over) are considered for admission on an individual basis.

Programs and courses in some clinical specialities are offered in colleges of applied arts and technology, at Ryerson Polytechnical Institute and at some hospitals.

For further information on diploma nursing programs please contact the admissions office of any college of applied arts and technology or Ryerson Polytechnical Institute.

Baccalaureate Degree Nursing
Eight Ontario universities offer a four-year degree (B.Sc.N.) program. These programs deal with the preventive, therapeutic and rehabilitative aspects of nursing and the promotion of health and are designed to give a broader scientific foundation in nursing as well as general education at the university level. Planned clinical experience in hospitals and in various community agencies is supervised by the faculty of the nursing program. Upon successful completion of the program, students become eligible to write the examination for registration as nurses in Ontario.

The baccalaureate degree program provides basic professional preparation in depth for nursing practice in both hospitals and community health agencies. Graduates may assume positions involving the giving of patient care and, following some experience, the teaching of nursing or the administration of nursing service. They are qualified to proceed to graduate study in nursing or related fields.

Admission requirements include an OSSHGD and certain courses specified by each university.

For further information please contact the school of nursing at any of the following universities: Lakehead, Laurentian, McMaster, Queen's, Ottawa, Toronto, Western or Windsor.

Nursing Assistant
Programs for nursing assistants are offered in the colleges of applied arts and technology, at regional centres, at hospitals and in some high schools. The programs, except for those in high schools, are generally 35 weeks in length.

Programs in community colleges normally require year 4 (or the equivalent) or mature student status. Programs at regional centres and hospitals admit students with a minimum of year 2 or the equivalent, though beginning in 1976, applicants without year 2 will be considered on an individual basis.

In addition to the above, nine high schools in the province offer nursing assistant programs in years 3 and 4. The nursing course is taken concurrently with other high school courses.

Clinical experience supervised by the teachers is an inherent part of the program. Upon successful completion of the course, students are eligible to write an examination for registration as nursing assistants in Ontario.

The nursing assistant program prepares graduates to give nursing care to selected patients whose needs are stabilized, and to assist the registered nurse in giving nursing care to individuals whose conditions are not stabilized. The registered nursing assistant functions under the supervision of the registered nurse.

Further information may be obtained by contacting the admissions office at any of the following colleges: Canadore, Conestoga, Durham, Fanshawe, Georgian, Humber, Loyalist, Northern, St. Clair, St. Lawrence.

Information may also be obtained from any of the following Ministry training centres:

Nursing Assistant Centre
31 Walnut Street South
Hamilton, Ontario L8N 2K9

Nursing Assistant Centre
205 York Street
London, Ontario N6A 1B4

Nursing Assistant Centre
699 Frood Road
Box 485
Sudbury, Ontario P3C 5A3

Nursing Assistant Centre
1111 Victoria Avenue, 2nd Floor
Thunder Bay, Ontario P7C 1B7

Nursing Assistant Centre
360 Christie Street
Toronto, Ontario M6G 3C2

Medical Laboratory Technologist
Medical laboratory technology programs are two or three years in length and are offered at eight colleges of applied arts and technology and at the Toronto Institute of Medical Technology, as well as at a few hospitals.

The program prepares students in the fundamentals of the various investigations, in the clinical testing necessary to assist in medical diagnosis and therapeutic procedures. Usually the final year of the program is in a hospital medical laboratory setting where students learn to perform all techniques under acutal working conditions.

Upon successful completion of the program, graduates are eligible to write the registration examinations of the Canadian Society of Laboratory Technologists.

The Registered Technologist may be employed as a member of the health care team in a hospital, clinic or diagnostic laboratory.

At colleges of applied arts and technology the entrance requirement to the three-year program is an OSSGD with appropriate sciences. Applicants with an OSSHGD may be granted up to one year's advanced standing. At the Toronto Institute of Medical Technology the entrance requirement to the two-year program is an OSSHGD with the appropriate sciences.

For further information please contact the office of admissions at any of the following colleges: Algonquin, Cambrian, Canadore, Fanshawe, Lambton, Mohawk, St. Clair, St. Lawrence. Or contact
Admissions Office
Toronto Institute of Medical Technology
222 St. Patrick Street
Toronto, Ontario M5T 1V4

Occupational Therapist
Queen's, Toronto, and Western offer four-year degree programs in occupational therapy and Mohawk College has a three-year diploma program. The course of study involves theoretical and practical clinical education. Throughout the program, students intern in hospitals and treatment centres where they help patients toward independent management of the activities of daily living in a home or work situation.

Admission requirements differ between institutions. Queen's considers students with an OSSHGD and year 5 math and chemistry and Western requires an OSSHGD (year 5 biology is suggested). Toronto considers students with an OSSHGD and one year in a general arts and science program with certain required courses or the equivalent.

Mohawk College requires an OSSGD with years 3 and 4 English and math at the advanced level and any two of physics, chemistry, or biology in year 3 or 4.

For further information please contact the admissions office of the institutions listed.

Optometrist
The School of Optometry at the University of Waterloo offers a four-year program. The first two years are strictly academic, while in the third and especially in the fourth year, there is also practical clincial training. Students learn how to investigate visual difficulties, to detect eye diseases, and to adapt such visual aids as lenses, prisms, and contact lenses.

In order to enter the program, students must have completed one year in a general science program at a university. They will have completed an OSSHGD program and two year 5 sciences—physics and chemistry.

For further information please contact
School of Optometry
University of Waterloo
Waterloo, Ontario N2L 3G1

Pharmacist
A four-year degree program in pharmacy is offered by the University of Toronto. Students are taught the physical and chemical properties of drugs, their pharmaceutical preparation and dispensing as well as their action in the body. Courses include a study of compounding, procedures involved in manufacturing, and pharmacy management. To be registered in Ontario, it is necessary to complete an apprenticeship and internship of 12 months. The apprenticeship extends over eight months in the summers after the second and third university years. Four months of internship must be taken upon the completion of the final academic year.

Admission requirements include an OSSHGD with year 5 courses in relations and functions, calculus, chemistry, and physics. In exceptional cases, students without year 5 physics will be considered.

For further information please contact the office of admissions at the University of Toronto.

Physiotherapist
Queen's, Toronto, and Western offer four-year degree programs in physiotherapy and Mohawk College has a three-year diploma program. Most of the courses are in the basic medical sciences, clinical sciences, and applied therapeutics.

Students intern in hospitals and treatment centres throughout their course of study. Using a variety of methods and equipment, students learn to rehabilitate patients by teaching and guiding them in the performance of exercises and activities in order to increase muscle strength and restore the bodily functions. Upon graduation, students are eligible for membership with the Canadian Physiotherapy Association.

Admission requirements differ among institutions. Western and Toronto consider students who have completed the first year of a general arts and science program or the equivalent. Queen's considers students with an OSSHGD and courses in year 5 mathematics and chemistry, or the equivalent. Mohawk College requires an OSSGD with year 4 English, years 3 and 4 math, and two year 3 courses in physics, chemistry, or biology, all at the advanced level.

For further information please contact the admissions office of the institutions listed.

Radiological Technician
Radiological technology programs are normally two years in length and are offered in four colleges of applied arts and technology, and at the Toronto Institute of Medical Technology, as well as at a few hospitals.

The program concentrates on the knowledge and skills required to produce images of the human body on x-ray film and other recording media for the purpose of aiding in the diagnosis and the treatment of diseases and injuries. The required clinical experience is obtained in a hospital setting.

Upon successful completion of the program, the graduate is eligible to write the registration examinations of the Canadian Society of Radiological Technicians. Entrance requirements to the radiological technician program include an OSSGD or equivalent, with appropriate sciences.

For further information please contact any of the following colleges: Cambrian, Confederation, Fanshawe, Mohawk. Or contact
Admissions Office
Toronto Institute of Medical Techology
222 St. Patrick Street
Toronto, Ontario M5T 1V4

Social Services

Careers in the social services deal primarily with the welfare of the community and with the individual in the community. Students who are interested in this field have a wide range of areas to consider—from recreation and child care to rehabilitation and work with the emotionally disturbed or the mentally ill.

Professions in the social services often complement those in the health sciences. The social worker or psychologist may work with doctors, nurses, and medical technicians. Correctional officers handling delinquents may have to spend time in family and juvenile courts. This field, then, overlaps many others, so that whether dealing with groups or individuals, people in social services often work with or are a part of various social agencies, government programs, or community organizations.

The following is not an exhaustive list of career possibilities, but only a guide to the major areas within social services.

Child Care Worker
Programs in child care offer training in the care of emotionally disturbed children or children affected by mental retardation, or related disorders. In most instances these children are living away from home in various kinds of treatment centres or are sent to day care centres and other institutions.

The duties of child care workers are beginning to take a new direction. To an increasing degree they work in the homes of the children's families in order to help with problems. Students are prepared to assume roles which are in some aspects parental, so that they can deal with the many problems which occur throughout the normal routine of a day. Many of the courses offered in the programs develop skills in communications and interpersonal relationships, provide background in developmental psychology and health care, and involve extensive field work.

Diploma programs of two or three years' duration are offered by the following community colleges: Algonquin, Cambrian, Centennial, Fanshawe, George Brown, Humber, Mohawk, Northern, St. Clair, and St. Lawrence. Normally the admission requirements are an OSSGD or equivalent.

For further information please contact the admissions office of the community colleges listed above.

Correctional and After-Care Officers
Centennial, St. Lawrence, and Sheridan offer two-year diploma programs for students who wish to become correctional officers with the Ministry of Correctional Services or with the federal government. The programs prepare them for supervising the care, security, and control of inmates in correctional institutions, as well as acting as counsellors. Courses may include psychology, sociology, criminology, group dynamics, counselling methods, and communications. There is also extensive field work.

The minimum admission requirement is an OSSGD.

For further information please contact the office of admissions of the three community colleges listed above.

There are no special educational program requirements for students who wish to become probation officers, the officers who are responsible for the rehabilitation of individuals during the period of adjustment from the correctional institution to a normal social environment. However, those employed by the Ministry of Correctional Services usually have an Master's degree in the social sciences or in social work.

For further information please contact
Director of Probation and After-Care
Ministry of Correctional Services
Room 409
454 University Avenue
Toronto, Ontario M7A 1J3

Mental Retardation Counsellor
The two-year diploma programs at the community colleges for students who wish to become mental retardation counsellors prepare them to work with the mentally retarded at all ages and developmental levels. The programs may include courses in mental retardation, developmental and advanced psychology, learning theory, communication skills, group dynamics, health care, and physical disorders. There is extensive field work in residential centres for the retarded and special day care centres, so that students receive practical training in looking after the physical and social needs of the mentally retarded.

Ten community colleges in Ontario offer these programs: Algonquin, Cambrian, Centennial, Confederation, Fanshawe, Georgian, Humber, Loyalist, St. Clair, and Sault. The minimum admission requirement is an OSSGD or equivalent.

For further information please contact the admissions office of the community colleges listed above.

Pre-School Educator
Degree and diploma programs are offered for students who wish to teach children of pre-school age in day care centres, nursery schools, or centres for the handicapped. The curricula may include courses on the psychological growth and development of the child, education theory and child care, as well as practice teaching and field work. Graduates with two years teaching experience may apply for membership with the Association of Early Childhood Education.

Two and three-year diploma programs are offered by the following community colleges: Algonquin, Cambrian, Centennial, Conestoga, Confederation, Fanshawe, George Brown, Humber, Lambton, Loyalist, Mohawk, Niagara, Northern, St. Lawrence, Sault, Seneca, Sheridan, and Sir Sandford Fleming.

The minimum requirements are an OSSGD or its equivalent, and some colleges consider students with mature student status. Some colleges also require additional courses or qualifications.

Ryerson Polytechnical Institute offers a four-year degree program in early childhood education and requires that applicants have an OSSHGD with year 5 English and a letter stating their experience with children. Graduates are able to work in government agencies, social agencies, community colleges, and as supervisors in nursery or day care centres.

In order to enter Guelph's four-year degree program, which leads to a Bachelor of Applied Science with a major in child studies, students must have an OSSHGD with two courses in mathematics (including functions and relations), and one course in chemistry. Biology is strongly recommended. Graduates may work in a variety of areas and attain supervisory positions in day care centres, nursery schools, or after completing teacher education, teach elementary school children.

Pre-school education is a relatively new field. Programs vary a great deal and do not qualify all graduates for employment on the same basis.

For further information please contact the office of admissions of the institutions listed above.

Psychologist

Psychology is the scientific study of behaviour including the study of mental phenomena such as memory, reasoning, speech, and neuro-muscular reactions. In order to become a psychologist, it is necessary to have a doctoral degree. Every university in Ontario has an undergraduate program in psychology. Each university tends to specialize in certain areas in psychology, even at the undergraduate level. At the graduate level specialization is even more pronounced. For example, Waterloo offers clinical psychology, and OISE (Ontario Institute for Studies in Education) in Toronto offers educational psychology.

The minimum admission requirement to a first year university program in psychology is an OSSHGD.

For further information please contact the office of admissions at the university of your choice.

Recreation Leader

Programs in recreation leadership prepare students to help people enjoy and use their leisure time through the organization of individual and group activities and through the administration of recreational programs. Courses may include the philosophy of leisure, physical education, psychology, group dynamics, administration of leisure services, and communications. Most programs require extensive field work, so that students receive practical training.

Nine community colleges offer two-year programs in recreation leadership: Algonquin, Canadore, Centennial, Conestoga, Confederation, Fanshawe, Humber, Mohawk, and Sir Sandford Fleming. The minimum admission requirement is an OSSGD.

The University of Ottawa offers a four-year degree program in recreology and requires an OSSHGD or equivalent for admission. The admission requirements to the four-year degree program in recreation at the University of Waterloo is an OSSHGD. Year 5 biology and geography are recommended.

For further information please contact the office of admissions at any of the institutions listed above.

Sociologist

Sociology is the scientific study of the social behaviour of human beings. It involves the study of the growth and development of societies from small groups to modern industrial societies. There are many subfields, so that students may concentrate in such areas as urban communities, industrial relations, family life, or deviant behaviour. In order to become a professional sociologist, it is necessary to obtain an M.A. or a Ph.D. degree. Only with such advanced training may graduates become teachers, researchers, administrators in welfare, research, and government agencies, or advisors and consultants. Programs include a wide variety of courses in areas such as the theory and history of sociology, methods used to investigate social phenomena (particularly statistical organization of data), group and community structures, social change and modernization, or environmental sociology.

All Ontario universities offer sociology. The minimum admission requirement is an OSSHGD.

For further information please contact the office of admissions at the university of your choice.

Social Worker and Social Services Worker

The programs offered in the field of social work prepare students to help people with various social problems. Students should consider the basis on which they wish to work as social workers or social service workers when they plan their education. Among their choices are to work with individuals and families (case work), small groups (group work), or communities (planning and implementing programs for entire communities). There are three avenues to consider in preparation for the field.

Thirteen community colleges offer two-year programs in social services: Algonquin, Cambrian, Centennial, Conestoga, Confederation, Fanshawe, Humber, Mohawk, Niagara, Northern, Seneca, Sheridan, and Sir Sandford Fleming. Ryerson Polytechnical Institute offers a two-year program in social services, as well as an advanced post-diploma program. A student who successfully completes both Ryerson programs and has one year's work experience qualifies for a Bachelor of Applied Arts degree in Social Services. The minimum admission requirement to the community colleges is an OSSGD. Ryerson requires an OSSGD with year 4 English and any two year 4 subjects.

Seven universities, Lakehead, Laurentian, McMaster, Waterloo, Western, York, and Windsor, offer four-year degree programs that prepare students for the field of social work. Lakehead, Waterloo, Windsor, and York consider students with a minimum of an OSSHGD. Laurentian considers students with an OSSHGD and year 5 French or English. Students must complete one year of university before they can apply to programs offered by McMaster and Western.

The third avenue open to students is to obtain a baccalaureate degree and then enter a graduate school of social work.

For further course information and information about additional requirements please contact the institution of your choice.

Selected Reference Publications

Some of these publications will be available in secondary school guidance offices, public libraries, and at college and university admissions offices and libraries. Specific sources are listed below.

• Careers

Career Selector
Free
Data on over 100 careers, nature of work, training, qualifications, remuneration, etc.
Women's Bureau
Ministry of Labour
400 University Avenue
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Career information on 17 categories including business and public service.
Ontario Educational Research Council
1260 Bay Street, 6th Floor
Toronto, Ontario M5R 2B1

Occupational Information Monographs
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Guidance Centre
Faculty of Education
University of Toronto
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Toronto, Ontario M4W 2K8

University and Community College Career Outlook
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Basic information on college and university programs and their related careers.
Manpower Information and Analysis Branch
Program Development Service
Department of Manpower and Immigration
Ottawa, Ontario K1A 0J9

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Accredited Institutions of Higher Education
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Annual listing of accredited colleges and universities in the United States.
American Council on Education
One Dupont Circle
Washington, D.C. 20036

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Information Branch
Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 1B9

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American Council on Education
One Dupont Circle
Washington, D.C. 20036

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Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 2B5

The College Handbook
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A comprehensive guide to more than 2,000 two-year and four-year colleges in the United States. In two volumes: Part 1, description of the colleges; Part 2, tables and maps.
College Entrance Examination Board
Publications Order Office
Box 592
Princeton, New Jersey 08540

Commonwealth Universities Yearbook
$42.00
A directory to the universities of the Commonwealth and the handbook of their Association.
AUCC
151 Slater Street
Ottawa, Ontario K1P 5N1

A Compendium of University Entrance Requirements for First Degree Courses in the United Kingdom
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Lund Humphries
The Country Press
Drummond Road
Bradford, England BD8 8DH

Directory of Registered Private Vocational Schools
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Information Branch
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Mowat Block, Queen's Park
Toronto, Ontario M7A 1B9

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A handbook for students from overseas and their advisers.
Longman Canada Limited
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Don Mills, Ontario M3C 2A1

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R. and R. Clark Limited
Brandon Street
Edinburgh, Scotland EH3 5DY

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Ministry of Colleges and Universities
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Toronto, Ontario M7A 1B9

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Faculty of Education
University of Toronto
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Toronto, Ontario M4W 2K8

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Information Canada
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Toronto, Ontario M5B 1N4

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Publications Distribution Unit
Statistics Canada
Ottawa, Ontario K1A 0Z5

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London, England WCIB BJN

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Bursaries for Secondary School Students
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Bilingual brochure outlining assistance to needy secondary school students for final year studies.
Information Systems and Records Branch
Ministry of Education
Mowat Block, Queen's Park
Toronto, Ontario M7A 1L2

Canada Student Loans Plan
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Student Awards Branch
Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 2B4

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A bilingual brochure outlining provincial assistance for part-time students who are receiving social assistance, are unemployed, or have a low family income.
Student Awards Branch
Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 2B4

Ontario Student Assistance Program
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Student Awards Branch
Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 2B4

Ontario Student Loans Plan
Free
Booklet outlining provincially guaranteed loans for post-secondary students who do not qualify for assistance under OSAP or the Canada Student Loans Plan. Available in English or French.
Student Awards Branch
Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 2B4

Second Language Bursary and Fellowship Programs
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Brochures and applications for a variety of assistance programs to encourage minority language teaching and study.
Student Awards Branch
Ministry of Colleges and Universities
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